Overview

HPE Aruba Networking CX 8325 Switch Series

The HPE Aruba Networking CX 8325 Switch Series offers a flexible and innovative approach to addressing the application, security, and scalability demands of the mobile, cloud and IoT era. These switches serve the needs of the next generation core and aggregation layer, as well as emerging data center requirements at the Top of Rack (ToR) and End of Row (EoR). They provide over 6.4Tbps of capacity, with line-rate Gigabit Ethernet interfaces including 1Gbps, 10Gbps, 25Gbps, 40Gbps, and 100Gbps.

The CX 8325 series includes industry-leading line rate ports 1/10/25GbE (SFP/SFP+/SFP28) and 40/100GbE (QSFP+/QSFP28) with connectivity in a compact 1U form factor. These switches offer a fantastic investment for customers wanting to migrate from older 1GbE/10GbE to faster 25GbE, or 10GbE/40GbE to 100GbE ports.

HPE Aruba Networking CX 8325 Switch Series

Key features

- High performance 6.4Tbps with 2,000Mpps throughput
- High availability with industry-leading VSX redundancy, and redundant power supplies and fans
- Designed for core/aggregation in the campus or Top of Rack (ToR) or End of Row (EoR) in the data center
- HPE Aruba Networking Storage Optimize, validated Ethernet Storage Fabric solution with HPE Storage and HCI
- AOS-CX automation and programmability using built-in REST APIs and Python scripts
- Advanced Layer 2/3 feature set includes BGP, OSPF, VRF-lite, and IPv6
- Intelligent monitoring, visibility, and remediation with HPE Aruba Networking Network Analytics Engine
- HPE Aruba Networking NetEdit support for automated configuration and verification
- Compact 1U switches with 1/10/25GbE and 40/100GbE connectivity
- Supports HPE Aruba Networking Fabric Composer - a software-defined orchestration solution that simplifies and accelerates leaf-spine network provisioning and day-to-day operations across rack-scale compute and storage infrastructure.

Models

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle	JL624A
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle	JL625A
Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle	JL626A
Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle	JL627A

Hewlett Packard Enterprise

Standard Features

AOS-CX - A Modern Software System

The HPE Aruba Networking CX 8325 Switch Series is based on AOS-CX, a modern, database-driven operating system that automates and simplifies many critical and complex network tasks. A built-in time series database enables customers and developers to utilize software scripts for historical troubleshooting, as well as analysis of past trends. This helps predict and avoid future problems due to scale, security, and performance bottlenecks. AOS-CX operating system features are organized into HPE Aruba Networking CX Foundation and HPE Aruba Networking CX Advanced software licenses.

Our AOS-CX software also includes HPE Aruba Networking Network Analytics Engine (NAE) and support for HPE Aruba Networking NetEdit.

Every HPE Aruba Networking CX switch includes an active, embedded HPE Aruba Networking CX Foundation license at no additional cost with the option to upgrade to an HPE Aruba Networking CX Advanced license.

The CX Foundation license has everything needed to deploy, connect, and troubleshoot an enterprise network, including:
- HPE Aruba Networking Network Analytics Engine (NAE)
- Dynamic Segmentation
- Switch Stacking
- High Availability and Resiliency
- Quality of Service (QoS)
- Layer 2 Switching
- Layer 3 Services and Routing
- IP Multicast
- Network Security
- Support for HPE Aruba Networking NetEdit

The HPE Aruba Networking CX Advanced license includes HPE Aruba Networking CX Edge Insights, offering deep visibility with application recognition, identification, and flow capture from layer 4 to layer 7.

For more information on the CX Advanced License, read the **HPE Aruba Networking CX Switch License Ordering Guide.**

Because AOS-CX[1] is built on a modular Linux architecture with a stateful database, our operating system provides the following unique capabilities:
- Easy access to all network state information allows unique visibility and analytics
- REST APIs and Python scripting for fine-grained programmability of network tasks
- A micro-services architecture that enables full integration with other workflow systems and services
- Continual state synchronization that provides superior fault tolerance and high availability
- All software processes communicate with the database rather than each other, ensuring near real-time state and resiliency and allowing individual software modules to be independently upgraded for higher availability
- Supports HPE Aruba Networking Fabric Composer - a software-defined orchestration solution that simplifies and accelerates leaf-spine network provisioning and day-to-day operations across rack-scale compute and storage infrastructure.
- All software processes communicate with the database rather than each other, ensuring near real-time state and resiliency and allowing individual software modules to be independently upgraded for higher availability

Notes: [1]Supported in a future software release.

HPE Aruba Networking Central, Cloud-Based Network Management

Flexible cloud-based or on-premises management for unified network operations of wired, WLAN, SD-WAN, and public cloud infrastructure. Designed to simplify day zero through day two operations with streamlined workflows. Switch management capabilities include configuration, onboarding, monitoring, troubleshooting, and reporting.

An HPE Aruba Networking Central Advanced license expands these capabilities with premium security and AIOps, including the HPE Aruba Networking Central NetConductor Fabric Wizard and Policy Manager to enable dynamic segmentation and distributed enforcement at a global scale.

Standard Features

The HPE Aruba Networking Central Advanced license now comes with all HPE Aruba Networking CX Advanced features so there is no need to purchase a CX Advanced license. This streamlines operational efficiency, reducing the need for IT teams to keep track of multiple licenses, active terms, and renewal dates. For more information on HPE Aruba Networking Central licensing, see the **HPE Aruba Networking Central SaaS Subscription Ordering Guide.**

HPE Aruba Networking Network Analytics Engine

For enhanced visibility and troubleshooting, Aruba's Network Analytics Engine (NAE) automatically interrogates and analyzes events that can impact a networks health. Advanced telemetry and automation provide the ability to easily identify and troubleshoot network, system, application and security related issues easily, through the use of python agents, CLI-based agents and REST APIs.

The Time Series Database (TSDB) stores configuration and operational state data, making it available to quickly resolve network issues. The data may also be used to analyze trends, identify anomalies and predict future capacity requirements.

HPE Aruba Networking NetEdit – Automated Switch Configuration and Management

The entire HPE Aruba Networking CX portfolio empowers IT teams to orchestrate multiple switch configuration changes for smooth end-to-end service rollouts. HPE Aruba Networking NetEdit introduces automation that allows for rapid network-wide changes, and ensures policy conformance post network updates. Intelligent capabilities include search, edit, validation (including conformance checking), deployment and audit features. Capabilities include:
- Centralized configuration with validation for consistency and compliance
- Time savings via simultaneous viewing and editing of multiple configurations
- Customized validation tests for corporate compliance and network design
- Automated large-scale configuration deployment without programming
- Network health and topology visibility via HPE Aruba Networking NAE integration

Notes: A separate software license is required to use HPE Aruba Networking NetEdit.

Ethernet Storage Optimized, Validated

HPE Aruba Networking CX 8325 Switch Series provides an ideal solution for data center, cloud and storage use cases that support top-of-rack server and storage connectivity and scale-out leaf-spine fabrics. AOS-CX adds storage-optimization enhancements to insure the low-latency, lossless network QOS and connectivity characteristics that storage requires.

The HPE Aruba Networking CX 8325 Switch Series is SPOCK (Single Point of Connectivity Knowledge) validated as part of HPE's comprehensive portfolio of servers and storage arrays, which ensure end-to-end solution interoperability validated by HPE Labs. This validation takes guesswork out of SAN design, configuration, deployment, and management – helping to speed deployment and reduce risk/expertise needed to deploy complex solutions.

HPE Aruba Networking Virtual Switching Extension

The ability of AOS-CX to maintain synchronous state across dual control planes allows a unique high availability solution called HPE Aruba Networking Virtual Switching Extension (VSX). VSX is delivered through redundancy gained by deploying two chassis with an inter-switch link, with each chassis maintaining its independent control.

Designed using the best features of existing HA technologies such as Multi-chassis Link Aggregation (MC-LAG) and Virtual Switching Framework (VSF), HPE Aruba Networking VSX enables a distributed architecture that is highly available during upgrades or control plane events. Features include:
- Continuous configuration synchronization via AOS-CX
- Flexible active-active network designs at Layers 2 and 3
- Operational simplicity and usability for easy configuration
- High availability by design during upgrades including support for VSX Live Upgrade with LACP traffic draining.

Performance
- **High-speed fully distributed architecture**
  Provides 6.4Tbps for bidirectional switching and 2,000 Mpps for forwarding. All switching and routing are wire-speed to meet the demands of bandwidth-intensive applications today and in the future.
- **Scalable system design**
  Provides investment protection to support future technologies and higher-speed connectivity

Standard Features

Connectivity

- **High-density port options**
  Choice of compact high density port 1U switches with airflow direction flexibility include model with:
    - 32 ports of 40GbE/100GbE (QSFP+/QSFP28), with optional 4x10 and 4x25 breakout, or
    - 48 ports of 1GbE/10GbE/25GbE (SFP/SFP+/SFP28, with 1GBASE-T and 10GBASE-T transceiver support) and 8 ports of 40GbE/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)
- **Jumbo frames**
  Supports high-performance backups and disaster-recovery systems; provides a maximum frame size of 9K bytes
- **Unsupported Transceiver Mode (UTM)**
  Allows to insert and enable all unsupported 1G and 10G transceiver and cable. No warranty nor support for the transceiver/cable when used
- **Loopback**
  Supports internal loopback testing for maintenance purposes and increased availability; loopback detection protects against incorrect cabling or network configurations and can be enabled on a per-port or per-VLAN basis for added flexibility
- **Packet storm protection**
  Protects against unknown broadcast, unknown multicast, or unicast storms with user-defined thresholds

Quality of Service (QoS)

- **Strict Priority (SP) Queuing and Deficit Weighted Round Robin (DWRR)**
    - Enable congestion avoidance
- **Data Center Bridging (DCB)**
    - Supports lossless Ethernet networking standards to eliminate packet loss due to queue overflow
    - Priority Flow Control (PFC) 7 priorities per port
    - Enhanced Transmission Service (ETS)
    - DCB Exchange Protocol (Pre-standard LLDP DCBX IEEE 1.01 version)
- **Flow-Control Guard**
    - Prevents accumulation of excessive congestion with periodic flushing. Avoids packets buffering for an extended time period
- **ECN with Slope**
    - Marks packets as ECN-CE (Congestion Experienced. Helps TCP to reduce receive window size during congestion
- **Advanced Lossless Pool Configuration**
- **Global Buffering Statistics**
- **Storage Solution Support**
    - iSCSI, Lossless iSCSI, RDMA over Converged Ethernet version 2 (RoCE v1 and v2) and Non-Volatile Memory Express (NVMeOF)

Resiliency and High Availability

- **Redundant and load-sharing fans and power supplies**
  Increases total performance and power availability while providing hitless, stateful failover
- **Hot swappable power supply and fan modules**
  Allows replacement of modules without any operational impact on other modules
- **Separate data and control paths**
  Separates control from services and keeps service processing isolated; increases security and performance
- **HPE Aruba Networking Virtual Switching Extension (VSX)**
  VSX enables a distributed and redundant architecture by deploying two switches with each switch maintaining independent control yet staying synchronized during upgrades or failover. Also supports upgrades during live operation.
- **Virtual Router Redundancy Protocol (VRRP)**
  Allows a group of switches to dynamically back each other up to create highly available routed environments
- **Bidirectional Forward Detection (BFD)**
  Enables sub-second failure detection for rapid routing protocol re-balancing

Standard Features

- **Ethernet Ring Protection Switching (ERPS)**
  Supports rapid protection and recovery in a ring topology.
- **Unidirectional Link Detection (UDLD)**
  Monitors link connectivity and shuts down ports at both ends if unidirectional traffic is detected, preventing loops in STP-based networks
- **IEEE 802.3ad LACP**
  Supports up to 54 link aggregation groups (LAGs), each with eight links per group, with a user-selectable hashing algorithm
- **LACP-Fallback**
  Enables Zero Touch Provisioning over Link Aggregation Groups.

Management

In addition to the HPE Aruba Networking CX Mobile App, HPE Aruba Networking NetEdit and HPE Aruba Networking Network Analytics Engine, the 8325 series offers the following:

- **Built-in programmable and easy to use REST API interface**
- **Management interface control**
  Enables or disables each of the following interfaces depending on security preferences: console port, or reset button
- **Industry-standard CLI with a hierarchical structure**
  Reduces training time and expenses, and increases productivity in multivendor installations
- **Management security**
  Restricts access to critical configuration commands; offers multiple privilege levels with password protection; ACLs provide SNMP access; local and remote Syslog capabilities allow logging of all access.
- **Private VLAN (PVLAN)**
  Provides traffic isolation between users on the same VLAN. Typically a switch port can only communicate with other ports in the same community and/or an uplink port, regardless of VLAN ID or destination MAC address. This extends network security by restricting peer-peer communication to prevent variety of malicious attacks.
- **IPv6 RA**
  guard without ND Guard for preventing clients to advertise themselves as routers
- **IPSLA**
  Monitor the network for degradation of various services, including monitoring voice. Monitoring is enabled via the NAE for history and for automated gathering of additional information when anomalies are detected.
- **SNMP v2c/v3**
  Provides SNMP read and trap support of industry standard Management Information Base (MIB), and private extensions
- **sFlow® (RFC 3176)**
  Provides scalable ASIC-based wire speed network monitoring and accounting with no impact on network performance; this allows network operators to gather a variety of sophisticated network statistics and information for capacity planning and real-time network monitoring purposes.
- **Remote monitoring (RMON)**
  Uses standard SNMP to monitor essential network functions and supports events, alarms, history, and statistics groups as well as a private alarm extension group
- **Supportability**
  Job scheduler framework
- **TFTP and SFTP support**
  Offers different mechanisms for configuration updates; trivial FTP (TFTP) allows bidirectional transfers over a TCP/ IP network; Secure File Transfer Protocol (SFTP) runs over an SSH tunnel to provide additional security
- **Debug and sampler utility**
  Supports ping and traceroute for IPv4 and IPv6
- **Network Time Protocol (NTP)**
  Synchronizes timekeeping among distributed time servers and clients; keeps timekeeping consistent among all clock-dependent devices within the network. Can serve as the NTP server in a customer network.

Standard Features

- **IEEE 802.1AB Link Layer Discovery Protocol (LLDP)**
  Advertises and receives management information from adjacent devices on a network, facilitating easy mapping by network management applications
- **Dual flash images**
  Provides independent primary and secondary operating system files for backup while upgrading
- **Multiple configuration files**
  Stores easily to the flash image

Layer 2 Switching

- **VLAN**
  Supports up to 4,040 port-based or IEEE 802.1Q-based VLANs
- **VLAN Translation**
  Remaps VLANs during transit across a core network
- **Bridge Protocol Data Unit (BPDU) tunneling**
  Transmits STP BPDUs transparently, allowing correct tree calculations across service providers, WANs, or MANs
- **Port mirroring**
  Duplicates port traffic (ingress and egress) to a local or remote monitoring port; supports 4 mirroring groups, with an unlimited number of ports per group
- **STP**
  Supports standard IEEE 802.1D STP, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) for faster convergence, and IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
- **Rapid Per-VLAN spanning tree plus (RPVST+)**
  Allows each VLAN to build a separate spanning tree to improve link bandwidth usage in network environments with multiple VLANs.
- **Internet Group Management Protocol (IGMP)**
  Controls and manages the flooding of multicast packets in a Layer 2 network
- **Static VXLAN**
  Supports static VXLAN. Allows operators to manually connect two or more VXLAN tunnel endpoints (VTEP).
- **Dynamic VXLAN with BGP-EVPN**
  Deep segmentation for Spine/Leaf data center networks or Layer 3 campus designs
- **Pv4 Multicast in VXLAN/EVPN Overlay**
  Enable PIM-SM/IGMP snooping in the VXLAN Overlay
- **IPv6 VXLAN/EVPN Overlay Support**
  Enables IPv6 traffic over the VXLAN overlay
- **VXLAN DC Multi-Fabric DCI Support**
- **VXLAN distributed anycast gateway**
  Addressing mechanism that enables the use of the same gateway IP addresses across all the leaf switches part of a VXLAN network. It supports VSX active forwarding for VXLAN underlay.
- **VXLAN ARP/ND suppression**
  Allows minimization of ARP and ND traffic flooding within individual VXLAN segments, thus optimizing the VXLAN network

Layer 3 Services

- **Address Resolution Protocol (ARP)**
  Determines the MAC address of another IP host in the same subnet; supports static ARPs; gratuitous ARP allows detection of duplicate IP addresses; proxy ARP allows normal ARP operation between subnets or when subnets are separated by a Layer 2 network
- **IP Directed Broadcast**
  Supports directed broadcast on configured network subnets.

- **Dynamic Host Configuration Protocol (DHCP)**
  DHCP services are offered within a client network to simplify network management. DHCP Relay enables DHCP operation across subnets. DHCP Smart Relay.

Standard Features

- **Multicast**
  PIM Multicast Boundary (v4), VSX Graceful shutdown for IGMP/MLD, Multicast NSF.
- **DHCP Server**
  Supports DHCP services (for IPv4 and IPv6) in customer networks
- **DHCP Relay Coexistence with Server**
  Allows DHCP relay coexistence with DHCP server for both IPv4 and IPv6
- **Domain Name System (DNS)**
  Provides a distributed database that translates domain names and IP addresses, which simplifies network design; supports client and server. It also supports mDNS Gateway
- **Generic Routing Encapsulation (GRE)**
  Enables tunneling traffic from site to site over a Layer 3 path.

Layer 3 Routing

- **Static IPv4 routing**
  Provides simple manually configured IPv4 routing
- **Open shortest path first (OSPF)**
  Delivers faster convergence; uses link-state routing Interior Gateway Protocol (IGP), which supports ECMP, NSSA, and MD5 authentication for increased security and graceful restart for faster failure recovery
- **Loopback IP redistribution in OSPF**
  Allows redistribution of IPv4 and IPv6 addresses of loopback interface in OSFPv2/v3
- **Border Gateway Protocol 4 (BGP-4)**
  Delivers an implementation of the Exterior Gateway Protocol (EGP) utilizing path vectors; uses TCP for enhanced reliability for the route discovery process; reduces bandwidth consumption by advertising only incremental updates; supports extensive policies for increased flexibility; scales to very large networks
- **Dynamic BGP Peering**
  Simplifies BGP configuration for ZTP scenarios and enables CX for Azure stack integration
- **Multiprotocol BGP (MP-BGP) with IPv6 Address Family**
  Enables sharing of IPv6 routes using BGP and connections to BGP peers using IPv6
- **Routing Information Protocol Next Generation (RIPng)**
  Extension of RIPv2 for support of IPv6 networking
- **Policy Based Routing (PBR)**
  Enables using a classifier to select traffic that can be forwarded based on policy set by the network administrator.
- **6in4 tunnels**
  Supports the tunneling of IPv6 traffic in an IPv4 network.
- **IP Performance Optimization**
  Provides a set of tools to improve the performance of IPv4 networks; includes directed broadcasts, customization of TCP parameters, support of ICMP error packets, and extensive display capabilities
- **IP Sub-Interface** –
  Enables IP sub-interface for ingress & egress ACL/Policies, routing, VSX-keep alive
- **Dynamic Pool Configuration**
  Enables lossless pool configuration without switch reboot
- **Static IPv6 routing**
  Provides simple manually configured IPv6 routing
- **Dual IP stack**
  Maintains separate stacks for IPv4 and IPv6 to ease the transition from an IPv4-only network to an IPv6-only network design
- **OSPFv3**
  Provides OSPF support for IPv6
- **Equal-Cost Multipath (ECMP)**
  Enables multiple equal-cost links in a routing environment to increase link redundancy and scale bandwidth
- **Generic Routing Encapsulation (GRE)**
  Enables tunneling traffic from site to site over a Layer 3 path

Standard Features

Visibility CX Edge Insights

Upgrade the active, perpetual CX Foundation license to the term based CX Advanced license to unlock deep visibility with CX Edge Insights for application recognition, identification, and flow capture from layer 4 to layer 7. CX Edge Insights enables granular datapoint collection with search, sort and reporting as well as the ability to recognize 22 categories and more than 3700 applications.

Security

- **TAA Compliance**
  The HPE Aruba Networking CX 8325 Switch Series, a TAA-compliant product, with the AOS-CX uses FIPS 140-2 validated cryptography for protection of sensitive information
- **Federal Certification**
  Compliant with DoDIN, APL, NDcPP, FIPS, and USGv6 requirements for federal certifications.
- **Access control list (ACL) Features**
  Supports powerful ACLs for both IPv4 and IPv6. Supports creation of object groups representing sets of devices like IP addresses. For instance, IT management devices could be grouped in this way. ACLs can also protect control plane services such as SSH, SNMP, NTP or web servers.
- **Remote Authentication Dial-In User Service (RADIUS)**
  Eases security access administration by using a password authentication server
- **Enrollment over Secure Transport (EST)**
  Enables secure certificate enrollment, allowing for easier enterprise management of PKI.
- **Terminal Access Controller Access-Control System (TACACS+)**
  Delivers an authentication tool using TCP with encryption of the full authentication request, providing additional security
- **RadSec**
  Enable RADIUS authentication and accounting data to be passed safely and reliably across insecure networks such as the internet
- **Management access security**
  HPE Aruba Networking OS-CX provides for both on-box as well as off- box authentication for administrative access. RADIUS or TACACS+ can be used to provide encrypted user authentication. Additionally, TACACS+ can also provide user authorization services
- **Secure port access**
  802.1x, Mac-auth, LUR, DUR, Port-Access Policy, Static Port Filtering
- **Secure shell (SSHv2)**
  Uses external servers to securely log in to a remote device; with authentication and encryption, it protects against IP spoofing and plain-text password interception; increases the security of Secure FTP (SFTP) transfers

Multicast

- **Internet Group Management Protocol (IGMP)**
  Enables establishing multicast group memberships in IPv4 networks; supports IGMPv1, v2, and v3
- **Multicast Listener Discovery (MLD)**
  Enable discovery of IPv6 multicast listeners; supports MLDv1 and v2 and L3-Multicast.
- **Multicast Service Delivery Protocol (MSDP) for Anycast RP**
  MSDP used for Anycast RP is an intradomain feature that provides redundancy and load-sharing capabilities.
- **MSDP Mesh Groups**
  MSDP used for Anycast RP is an intradomain feature that provides redundancy and load-sharing capabilities.
  When MSDP mesh groups are used, SA messages are not flooded to other mesh group peers. When MSDP peer in group receives SA message from another MSDP peer in the group, it assumes that this SA message was sent to all the other MSDP peers in the group. It also eliminates RPF checks on arriving SA messages. With MSDP mesh group configured, SA messages are always accepted from mesh group peer.
- **PIM-Dense Mode**
  Floods multicast traffic to every corner of the network (push-model). Method is for delivering data to receivers without receivers requesting the data. Can be efficient in certain deployments in which there are active receivers on every subnet in the network. Branches without downstream receivers are pruned from the forwarding trees.

Standard Features

- **FastLeave (FL) and Forced-FastLeave (FFL)**
  IGMP FL and FFL for IGMP/MLD speed up the process of blocking unnecessary Multicast traffic to a switch port that is connected to end nodes. They help to eliminate the CPU overhead of having to generate an IGMP/MLD Group-Specific Query message.
- **Support for Microsoft Network Load Balancer (NLB) for server applications**
- **IGMP/MLD Snooping**
  Prevent flooding of multicast traffic to non-listening ports.
- **Protocol Independent Multicast (PIM)**
  PIM for IPv4 and IPv6 supports one-to-many and many-to-many media casting use cases such as IPTV over IPv4 and IPv6 networks. Support for PIM Sparse Mode (SM), Source-Specific Multicast (SSM), and Dense Mode(DM)

Additional Information

- Green initiative support
- Provides support for RoHS (EN 50581:2012) regulations
- Korea Government Security Features
  - Ensure configuration integrity
  - Limit concurrent users for web access
  - Platforms: All CX platforms
- Analytics
  - AIOPS - NAE Agent & Engine Improvements – Unicast Routing
  - AIOPS - NAE Agent & Engine Improvements – Client Services

Warranty, Services and Support

- **Limited Lifetime Warranty**
  See **https://www.arubanetworks.com/support-services/product-warranties/** for warranty and support information included with your product purchase.
- **HPE Aruba Networking AOS-CX Software Releases and Features**
  AOS-CX Switch Software Documentation Portal
  HPE Aruba Networking Switch Feature Navigator
- **Support and services information**
  Visit **https://www.arubanetworks.com/support-services/arubacare**/

Configuration Information

BTO Models

Standard Switch Enclosures

Rule #	Description	SKU
1, 2, 3, 4, 5, 6, 7, 8,10	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle	JL624A

- Includes 2 FB Power Supplies (JL632A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U – Height

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle PDU		JL624A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle PDU		JL624A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle 220v		JL624A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle NoLoc		JL624A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

Rule #	Description	SKU
1, 2, 3, 4, 5, 6, 7, 8,10	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle	JL625A

- Includes 2 BF Power Supplies (JL633A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle PDU		JL625A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle PDU		JL625A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle 220v		JL625A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle NoLoc		JL625A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

Rule #	Description	SKU
4, 5, 6, 7, 8,10	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle	JL626A

- Includes 2 FB Power Supplies (JL632A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select a Rack Kit

Configuration Information

- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

Rule #	Description	SKU
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle PDU	JL626A#B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle PDU	JL626A#B2C
	• C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle 220v	JL626A#B2E
	• HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)	
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle NoLoc	JL626A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	
4, 5, 6, 7, 8,10	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle	JL627A

- Includes 2 BF Power Supplies (JL633A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

Rule #	Description	SKU
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle PDU	JL627A#B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle PDU	JL627A#B2C
	• C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle 220v	JL627A#B2E
	• HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)	
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle NoLoc	JL627A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	

DC Bundles

Rule #	Description	SKU
1, 2, 3, 4, 5, 7, 8	Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 8-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 DC Bdl	JL857A

- Includes 2 FB Power Supplies (JL861A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

Rule #	Description	SKU
1, 2, 3, 4, 5, 7, 8	Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 8-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 DC Bdl	JL858A

- Includes 2 BF Power Supplies (JL862A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers

Configuration Information

- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

Rule #	Description	SKU
4, 5, 7, 8	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 DC Bundle	JL859A

- Includes 2 FB Power Supplies (JL861A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

Rule #	Description	SKU
4, 5, 7, 8	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 DC Bundle	JL860A

- Includes 2 BF Power Supplies (JL862A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

Configuration Rules

1	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	J8177D
	Aruba 1G SFP LC SX 500m MMF TAA Transceiver	JL745A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver	JL746A
	Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver	JL747A
2	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563B
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver	JL748A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver	JL749A
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
3	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	HPE Aruba Networking 25G ER LC 40km SMF Transceiver	S0V69A
	HPE Aruba Networking 25G BiDi 10km-Downstream 1330/1270 Transceiver	S1C96A
	HPE Aruba Networking 25G BiDi 10km-Upstream 1270/1330 Transceiver	S1C98A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Cable	JL487A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable	JL488A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable	JL489A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable	R0M44A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable	R0M45A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable	R0Z21A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21

Configuration Information

	HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21
4	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	HPE X142 40G QSFP+ MPO SR4 Transceiver	JH231A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	HPE X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A
	HPE X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
	HPE X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A
	HPE X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable	R0Z22A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable	R0Z23A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable	R0Z24A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
5	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	HPE Aruba Networking 100G SR2 MPO QSFP28 100m MMF Transceiver	S1C93A
	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 100m 12-fiber MPO OM3 MMF Transceiver	JL309A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE Aruba Networking 100G QSFP28 LC FR1 SMF 2km Transceiver	R9B63A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R0Z25A
	Aruba 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL307A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	R0Z26A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable	JL856A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable	R0Z27A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable	R0Z28A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable	R0Z29A
	HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
	HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21
	HPE QSFP28 to SFP28 Adapter	845970-B21
6	Localization required on orders without #B2B, #B2C, #B2E or #AC3 options.	
7	If qty1 of the following QSA28 Adapter(845970-B21) is selected, then increase max SFP28 Port qty by 1 and allow user selection of the following SFP Transceivers. Refer to qty and port restrictions for individual Switch in the ""Additional Info"" sections: (Use BTO only when adding this QSA28 Adapter)	
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver	JL748A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver	JL749A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	HPE Aruba Networking 25G ER LC 40km SMF Transceiver	S0V69A
	HPE Aruba Networking 25G BiDi 10km-Downstream 1330/1270 Transceiver	S1C96A
	HPE Aruba Networking 25G BiDi 10km-Upstream 1270/1330 Transceiver	S1C98A
8	The following AOCs install into this Switch: (Use #0D1 for XCVRs or #B01 for Cables since switch is factory racked):	
	HPE Aruba Networking 200G DD-2xQSFP28 100G 3m Active Optic Cable	R9B60A
	HPE Aruba Networking 200G DD-2xQSFP28 100G 7m Active Optic Cable	R9B58A
	HPE Aruba Networking 200G DD-2xQSFP28 100G 15m Active Optic Cable	R9B62A
	HPE Aruba Networking 200G DD-2xQSFP28 100G 30m Active Optic Cable	R9B61A

Configuration Information

	HPE Aruba Networking 200G DD-2xQSFP28 100G 50m Active Optic Cable	R9B59A

10   Unbuildable/FAN required, generates CFGU: If order is quoted for India and contains "#B2C" Option, then Display the following:

For BTO shipments to India:
Please replace <Base Model>#B2C option with <Base Model>#AC3 in the Bill of Materials and add the appropriate INDIA PDU Power Cord below via Ad-Hoc:
For Factory Integration of Power Cord, please add "#0D1" to the Power Cord Sku suffix. (Ex. JL671A#0D1)

	HPE 2.0m C13 to C14 PDU India Power Cord	JL671A
	HPE 2.5m C15 to C14 PDU India Power Cord	JL672A
	HPE 2.5m C19 to C20 PDU India Power Cord	JL673A

Notes:
– Drop down under power supply should offer the following options and results:
– Switch/Router/Power Supply to PDU Power Cord - #B2B in North America, Mexico, Taiwan, and Japan or #B2C ROW. (Watson Default B2B or B2C for Rack Level CTO)
– Switch/Router/Power Supply to Wall Power Cord - Localized Option (Watson Default for BTO and Box Level CTO)
– High Volt Switch/Router/Power Supply to Wall Power Cord - #B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)
– No Power Cord - #AC3 Option
– OCA Blue Locking Power Cord (J9955A) L6-20P is available through the OCA Accessories tab.
– OCA Only Model Selection Form -
– HPE Offering > HPE Aruba Networking > Switches - HPE Aruba Networking OS: HPE Aruba Networking CX 8325 Switch Series

Rack Level Integration CTO Models

Rule #	Description	SKU
1, 2, 3, 4, 5, 6, 7, 8, 9,10	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle	JL624A

- Includes 2 FB Power Supplies (JL632A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select 4 Post Rack Kit
- Min=0 \ Max= 48 SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle PDU	JL624A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle PDU	JL624A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle 220v	JL624A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle NoLoc	JL624A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

Rule #	Description	SKU
1, 2, 3, 4, 5, 6, 7, 8, 9,10	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle	JL625A

- Includes 2 BF Power Supplies (JL633A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots

Configuration Information

- Must select 4 Post Rack Kit
- Min=0 \ Max= 48 SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle PDU	JL625A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle PDU	JL625A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle 220v	JL625A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

HPE Aruba Networking 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle NoLoc	JL625A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

4, 5, 6, 7, 8,10	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle	JL626A

- Includes 2 FB Power Supplies (JL632A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select 4 Post Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

Rule #	Description	SKU
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle PDU	JL626A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle PDU	JL626A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle 220v	JL626A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle NoLoc	JL626A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

4, 5, 6, 7, 8,10	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle	JL627A

- Includes 2 BF Power Supplies (JL633A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select 4 Post Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle PDU	JL627A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle PDU	JL627A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

Configuration Information

	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle 220v	JL627A#B2E
	• HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)	
	HPE Aruba Networking 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle NoLoc	JL627A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	

DC Bundles

1, 2, 3, 4, 5, 8	Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 8-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 DC Bdl	JL857A

- Includes 2 FB Power Supplies (JL861A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

1, 2, 3, 4, 5, 8	Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 8-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 DC Bdl	JL858A

- Includes 2 BF Power Supplies (JL862A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

Rule #	Description	SKU
4, 5, 7, 8	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 DC Bundle	JL859A

- Includes 2 FB Power Supplies (JL861A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Tran+F64sceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

4, 5, 7, 8	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 DC Bundle	JL860A

- Includes 2 BF Power Supplies (JL862A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

Configuration Rules

Rule #	Description	SKU
1	The following Transceivers install into this Switch: (Use #0D1 quoted to switch if switch is CTO) - if applicable:	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	J8177D
2	The following Transceivers install into this Switch: (Use #0D1 quoted to switch if switch is CTO) - if applicable:	
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563B
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D

Configuration Information

	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
3	The following Transceivers install into this Switch: (Use #0D1 or #B01 quoted to switch if switch is CTO) - if applicable:	
	HPE Aruba Networking 25G ER LC 40km SMF Transceiver	S0V69A
	HPE Aruba Networking 25G BiDi 10km-Downstream 1330/1270 Transceiver	S1C96A
	HPE Aruba Networking 25G BiDi 10km-Upstream 1270/1330 Transceiver	S1C98A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Cable	JL487A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable	JL488A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable	JL489A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable	R0M44A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable	R0M45A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable	R0Z21A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
	HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21
4	The following Transceivers install into this Switch: (Use #0D1 or #B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	HPE X142 40G QSFP+ MPO SR4 Transceiver	JH231A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	HPE X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A
	HPE X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
	HPE X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A
	HPE X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable	R0Z22A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable	R0Z23A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable	R0Z24A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
5	The following Transceivers install into this Switch: (Use #0D1 or #B01 quoted to switch if switch is CTO) - if applicable:	
	HPE Aruba Networking 100G SR2 MPO QSFP28 100m MMF Transceiver	S1C93A
	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 100m 12-fiber MPO OM3 MMF Transceiver	JL309A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE Aruba Networking 200G DD-2xQSFP28 100G 15m Active Optic Cable	R9B62A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R0Z25A
	Aruba 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL307A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	R0Z26A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable	JL856A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable	R0Z27A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable	R0Z28A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable	R0Z29A
	HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
	HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21

Configuration Information

	HPE QSFP28 to SFP28 Adapter	845970-B21

6   – OCA Only: Required Custom Choice (Min1/Max1)
    – Switch/Router/Power Supply to PDU Power Cord - B2B in North America, Mexico, Taiwan, and Japan or B2C ROW. (OCA Default B2B or B2C for Rack Level CTO)
    – Switch/Router/Power Supply to Wall Power Cord - Localized Option (OCA Default for BTO)
    – High Volt Switch/Router/Power Supply to Wall Power Cord - B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)
    – No Power Cord - AC3 Option

7   If the CTO Switch Chassis needs to be racked, Then the CTO Base Model needs to integrate (with #0D1) to the HPE Network Rack.

8   If qty1 of the following QSA28 Adapter(845970-B21) is selected, then increase max SFP28 Port qty by 1 and allow user selection of the following SFP Transceivers. Refer to qty and port restrictions for individual Switch in the "Additional Info" sections: (Use #0D1 for this XCVR Adapter since switch is factory racked)

Description	SKU
Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver	JL748A
Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver	JL749A
Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
HPE Aruba Networking 25G ER LC 40km SMF Transceiver	S0V69A
HPE Aruba Networking 25G BiDi 10km-Downstream 1330/1270 Transceiver	S1C96A
HPE Aruba Networking 25G BiDi 10km-Upstream 1270/1330 Transceiver	S1C98A

9   The following AOCs install into this Switch: (Use 0D1 or B01 quoted to switch if switch is CTO) - if applicable:

Description	SKU
HPE Aruba Networking 200G DD-2xQSFP28 100G 3m Active Optic Cable	R9B60A
HPE Aruba Networking 200G DD-2xQSFP28 100G 7m Active Optic Cable	R9B58A
HPE Aruba Networking 200G DD-2xQSFP28 100G 15m Active Optic Cable	R9B62A
HPE Aruba Networking 200G DD-2xQSFP28 100G 30m Active Optic Cable	R9B61A
HPE Aruba Networking 200G DD-2xQSFP28 100G 50m Active Optic Cable	R9B59A

10   Unbuildable/FAN required, generates CFGU: If order is quoted for India and contains "#B2C" Option, then Display the following:

For BTO shipments to India:
Please replace <Base Model>#B2C option with <Base Model>#AC3 in the Bill of Materials and add the appropriate INDIA PDU Power Cord below via Ad-Hoc:

For Factory Integration of Power Cord, please add "#0D1" to the Power Cord Sku suffix. (Ex. JL671A#0D1)

Description	SKU
HPE 2.0m C13 to C14 PDU India Power Cord	JL671A
HPE 2.5m C15 to C14 PDU India Power Cord	JL672A
HPE 2.5m C19 to C20 PDU India Power Cord	JL673A

Notes: Locking Power Cord (J9955A) L6-20P is available through the OCA Accessories tab

Transceivers

Rule #	Description	SKU
	SFP Transceivers	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
1	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	J8177D
	Aruba 1G SFP LC SX 500m MMF TAA Transceiver	JL745A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver	JL746A

Configuration Information

| 1 | Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver | JL747A |

Configuration Rules

Rule #	Description	SKU
1	— min 0 // max 32 of this RJ45 XCVR can be installed into the following Switches: JL624A, JL625A, JL857A, JL858A	
	— Max of 32 RJ45 XCVRs in either the JL624A/JL625A/JL857A/JL858A and can be installed into ports 1-48 excluding 3rd row of ports.	

SFP+ Transceivers

	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563B
Notes:	— min 0 // max 12 XCVRs (JL563B) can be installed into the following Switches: JL624A, JL625A, JL857A, JL858A.	
	— JL563B Max of 12 in either the JL624A/JL625A/JL857A/JL858A and only allowed in ports 1-17 excluding 3rd row of ports.	
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver	JL748A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver	JL749A
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21

SFP28 Transceivers

Notes:	— The 48 x SFP28 Ports function in port groups of 12 ports. Each port group must operate at the same speed(ie. Group 1 = qty12 of 1G or 10G or 25G transcievers).	
	○ Group 1 = ports 1-12	
	○ Group 2 = ports 13-24	
	○ Group 3 = ports 25-36	
	○ Group 4 = ports 37-48	
	HPE Aruba Networking 25G ER LC 40km SMF Transceiver	S0V69A
	HPE Aruba Networking 25G BiDi 10km-Downstream 1330/1270 Transceiver	S1C96A
	HPE Aruba Networking 25G BiDi 10km-Upstream 1270/1330 Transceiver	S1C98A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Cable	JL487A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable	JL488A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable	JL489A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable	R0M44A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable	R0M45A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable	R0Z21A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
	HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21

QSFP+ Transceivers

	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	HPE X142 40G QSFP+ MPO SR4 Transceiver	JH231A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	HPE X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A

Rule #	Description	SKU
	HPE X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
	HPE X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A
	HPE X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable	R0Z22A

Configuration Information

	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable	R0Z23A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable	R0Z24A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
	QSFP28 Transceivers	
	HPE Aruba Networking 100G SR2 MPO QSFP28 100m MMF Transceiver	S1C93A
	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 100m 12-fiber MPO OM3 MMF Transceiver	JL309A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE Aruba Networking 100G QSFP28 LC FR1 SMF 2km Transceiver	R9B63A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL307A
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R0Z25A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	R0Z26A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable	JL856A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable	R0Z27A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable	R0Z28A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable	R0Z29A
	HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
	HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21
*	HPE Aruba Networking 200G DD-2xQSFP28 100G 3m Active Optic Cable	R9B60A
*	HPE Aruba Networking 200G DD-2xQSFP28 100G 7m Active Optic Cable	R9B58A
*	HPE Aruba Networking 200G DD-2xQSFP28 100G 15m Active Optic Cable	R9B62A
*	HPE Aruba Networking 200G DD-2xQSFP28 100G 30m Active Optic Cable	R9B61A
*	HPE Aruba Networking 200G DD-2xQSFP28 100G 50m Active Optic Cable	R9B59A

Notes:
- Min 0 // max 4 XCVRs (JL743A) can be installed into the following Switches: JL624A, JL625A, JL626A, JL627A, JL857A, JL858A, JL859A, JL860A.
- JL743A Max of 4 in either the JL624A/JL625A/JL857A/JL858A and only allowed in ports 49, 51, 53, 55.
- JL743A Max of 4 in either the JL626A/JL627A/JL859A/JL860A and only allowed in ports 29-32.
- *Only the QSFP28 end of the AOC to the 8325 Switch is supported

QSA28 Adapter

HPE QSFP28 to SFP28 Adapter		845970-B21

Notes: If selecting the 845970-B21 - QSFP28 to SFP28 Adapter, then see HPE Aruba Networking Transceiver Guide for details.

Switch Options

Rack Mount Kits

For 8325 System (std 0 // max 1) User Selection (min 1 // max 1) per enclosure

HPE Aruba Networking X472 2-post Rack Kit		JL482C
HPE Aruba Networking X474 4-post Rack Kit		JL483C

Notes: If the switch will be factory racked into an HPE Universal Rack, then (Min 1) of the 4 Post Rack Mount kit is required.

India PDU Cable

For AC Switches System (std 0 // max 2) User Selection (min 0 // max 2) per enclosure

HPE 2.0m C13 to C14 PDU India Power Cord		JL671A

Notes: This Power Cord is only available when the #AC3 option is selected for the supported power supply and intended for India.
C13 India PDU Cable for Factory Racked Systems Only

Configuration Information

Accessories

Rule #	Description	SKU
	USB Console Cables	

System (std 0 // max 99) User selection (min 0 // max99) per enclosure

	HPE Aruba Networking USBA-RJ45 PIN3TX-6RX 2.5m Cable	R8Z87A
	HPE Aruba Networking USBA-RJ45 PC-to-Switch PIN6TX-3RX 2.5m Cable Aruba USB-A to RJ45 PC-to-Switch Cable	R9G48B
	Aruba USB-A reversible to USB-C PC-to-Switch 3m Cable	R9J32A
	Aruba USB-C to USB-C PC-to-Switch 3m Cable	R9J33A

Notes: This cable is only compatible with the following Switches;
JL624A, JL625A, JL626A, JL627A, JL857A, JL858A, JL859A, JL860A

Spare Items

System (std 0 // max 99) User Selection (min 0 // max 99) per enclosure

	Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 and 8-port 100G QSFP+/QSFP28 Switch	JL635A

- This is a Spare only
- Must be used with 2 Power Units (JL632A, JL633A, JL861A, JL862A)
- Must be used with 6 Fan Tray (JL628A, JL629A)
- 2 Post Rack Kit included, must use 4 Post Rack Mount Kit with HPE Racks
- 1U - Height

Rule #	Description	SKU
	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Switch	JL636A

- This is a Spare only
- Must be used with 2 Power Units (JL632A, JL633A, JL861A, JL862A)
- Must be used with 6 Fan Tray (JL630A, JL631A)
- 2 Post Rack Kit included, must use 4 Post Rack Mount Kit with HPE Racks
- 1U - Height

System (std 0 // max 99) User Selection (min 0 // max 99) per enclosure

Rule #	Description	SKU
1	Aruba 8325 650W 100-240VAC Front-to-Back Power Supply	JL632A

- includes 1 x c13, 650w

	HPE Aruba Networking 8325 650W 100-240VAC Front-to-Back Power Supply PDU	JL632A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

	HPE Aruba Networking 8325 650W 100-240VAC Front-to-Back Power Supply PDU	JL632A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

	HPE Aruba Networking 8325 650W 100-240VAC Front-to-Back Power Supply 220v	JL632A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

	HPE Aruba Networking 8325 650W 100-240VAC Front-to-Back Power Supply NoLoc	JL632A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

1	Aruba 8325 650W 100-240VAC Back-to-Front Power Supply	JL633A

- includes 1 x c13, 650w

	HPE Aruba Networking 8325 650W 100-240VAC Back-to-Front Power Supply PDU	JL633A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

	HPE Aruba Networking 8325 650W 100-240VAC Back-to-Front Power Supply PDU	JL633A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

	HPE Aruba Networking 8325 650W 100-240VAC Back-to-Front Power Supply 220v	JL633A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

	HPE Aruba Networking 8325 650W 100-240VAC Back-to-Front Power Supply NoLoc	JL633A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

	Aruba 8325 850W 48VDC Front-to-Back Power Supply	JL861A

- includes 1 x c13, 850w

Configuration Information

Aruba 8325 850W 48VDC Back-to-Front Power Supply	JL862A

- includes 1 x c13, 850w

Aruba 8325-48Y8C Front-to-Back Fan	JL628A
Aruba 8325-48Y8C Back-to-Front Fan	JL629A
Aruba 8325-32C Front-to-Back Fan	JL630A
Aruba 8325-32C Back-to-Front Fan	JL631A
HPE Aruba Networking X472 2-post Rack Kit	JL482C
HPE Aruba Networking X474 4-post Rack Kit	JL483C
Aruba X2C2 RJ45 to DB9 Console Cable	JL448A
HPE Aruba Networking CX Switch Bluetooth Adapter	S1H23A

Configuration Rules

1 Localization required on orders without #B2B, #B2C, #B2E or #AC3 options.

Notes:
- Drop down under power supply should offer the following options and results:
- Switch/Router to PDU Power Cord - #B2B in NA, Mexico, Taiwan, and Japan or #B2C ROW. (Watson Default B2B or B2C for Rack Level CTO)
- Switch/Router/Power Supply to Wall Power Cord - Localized Option (Watson Default for BTO and Box Level CTO)
- High Volt Switch/Router/Power Supply to Wall Power Cord - #B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)
- No Localized Power Cord Selected - #AC3 Option
- Locking Power Cord (J9955A) L6-20P is available in the Accessories tab
- 2 Power Supply is included with the Switch Bundle

Software

Remarks	Description	SKU
	NetEdit	
	NetEdit / Single Node Subscription	
	Aruba NetEdit Single Node 1yr Subscription E-STU	JL639AAE
	Aruba NetEdit Single Node 3yr Subscription E-STU	JL640AAE
	Fabric Composer	
	Aruba Fabric Composer Device Management Service Tier 4 Switch 1 year Subscription E-STU	R7G99AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 3 year Subscription E-STU	R7H00AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 5 year Subscription E-STU	R7H01AAE
	HPE Aruba Networking Central	
	Cloud Services / 8XXX Switch Foundation Subscriptions	
2	HPE Aruba Networking Central Switch Class-5 Foundation 1 year Subscription E-STU	R3K03AAE
2	HPE Aruba Networking Central Switch Class-5 Foundation 3 year Subscription E-STU	R3K04AAE
2	HPE Aruba Networking Central Switch Class-5 Foundation 5 year Subscription E-STU	R3K05AAE
2	HPE Aruba Networking Central Switch Class-5 Foundation 7 year Subscription E-STU	R3K06AAE
2	HPE Aruba Networking Central Switch Class-5 Foundation 10 year Subscription E-STU	R3K07AAE
	On-Prem Services / 8XXX Switch Foundation Subscriptions	
3	HPE Aruba Networking Central on Prem Switch Class-5 Foundation 1 year Subscription E-STU	R6U88AAE
3	HPE Aruba Networking Central on Prem Switch Class-5 Foundation 3 year Subscription E-STU	R6U89AAE
3	HPE Aruba Networking Central on Prem Switch Class-5 Foundation 5 year Subscription E-STU	R6U90AAE
3	HPE Aruba Networking Central on Prem Switch Class-5 Foundation 7 year Subscription E-STU	R6U91AAE
3	HPE Aruba Networking Central on Prem Switch Class-5 Foundation 10 year Subscription E-STU	R6U92AAE
	On-Prem Services / 8XXX/9XXX/10XXX Switch Advanced Subscriptions	
3	HPE Aruba Networking Central on Prem Switch Class-5 Advanced 1 year Subscription E-STU	R6V08AAE
3	HPE Aruba Networking Central on Prem Switch Class-5 Advanced 3 year Subscription E-STU	R6V09AAE
3	HPE Aruba Networking Central on Prem Switch Class-5 Advanced 5 year Subscription E-STU	R6V10AAE
3	HPE Aruba Networking Central on Prem Switch Class-5 Advanced 7 year Subscription E-STU	R6V11AAE
3	HPE Aruba Networking Central on Prem Switch Class-5 Advanced 10 year Subscription E-STU	R6V12AAE

Configuration Information

FedRAMP Services / 8XXX Switch Foundation Subscriptions

6	Aruba Central 84xx/83xx/64xx/54xx Switch Foundation 1 year Subscription Government E-STU	R8L04AAE
6	Aruba Central 84xx/83xx/64xx/54xx Switch Foundation 3 year Subscription Government E-STU	R8L05AAE
6	Aruba Central 84xx/83xx/64xx/54xx Switch Foundation 5 year Subscription Government E-STU	R8L06AAE
6	Aruba Central 84xx/83xx/64xx/54xx Switch Foundation 7 year Subscription Government E-STU	R8L07AAE
6	Aruba Central 84xx/83xx/64xx/54xx Switch Foundation 10 year Subscription Government E-STU	R8L08AAE

Configuration Rules

Rules #	Description	SKU
2	Add the Central Cloud Skus to the HPE Aruba Networking Catalog as Standalone: HPE Aruba Networking > Network Management > Central > Cloud Services	
3	Add the Central On-Prem Skus to the HPE Aruba Networking Catalog as Standalone: HPE Aruba Networking > Network Management > Central > On-Prem Services	
6	Add the Central FedRAMP Service Skus to the HPE Aruba Networking Catalog as Standalone: HPE Aruba Networking > Network Management > Central > FedRAMP	

HPE Aruba Networking OS-CX Software

CX Advanced Software Licenses

Aruba CX Software 8/9xxx Switch Advanced 1-year Subscription E-STU	S0T87AAE
Aruba CX Software 8/9xxx Switch Advanced 3-year Subscription E-STU	S0T88AAE
Aruba CX Software 8/9xxx Switch Advanced 5-year Subscription E-STU	S0T89AAE
Aruba CX Software 8/9xxx Switch Advanced 7-year Subscription E-STU	S0T90AAE
Aruba CX Software 8/9xxx Switch Advanced 10-year Subscription E-STU	S0T86AAE

As-a-Service

HPE Aruba Networking Central

Cloud Services / 8XXX Switch Foundation Subscriptions

2	HPE Aruba Networking Central Switch Class-5 Foundation 1 year Subscription SaaS	R3K03AAS
2	HPE Aruba Networking Central Switch Class-5 Foundation 3 year Subscription SaaS	R3K04AAS
2	HPE Aruba Networking Central Switch Class-5 Foundation 5 year Subscription SaaS	R3K05AAS
2	HPE Aruba Networking Central Switch Class-5 Foundation 7 year Subscription SaaS	R3K06AAS
2	HPE Aruba Networking Central Switch Class-5 Foundation 10 year Subscription SaaS	R3K07AAS

Cloud Services / Switch Advanced AAS Licenses

7	HPE Aruba Networking Central Switch Class-5 Advanced 7 year Subscription SaaS	S0W45AAS
7	HPE Aruba Networking Central Switch Class-5 Advanced 10 year Subscription SaaS	S0W46AAS
7	HPE Aruba Networking Central Switch Class-5 Advanced 1 year Subscription SaaS	S0W62AAS
7	HPE Aruba Networking Central Switch Class-5 Advanced 3 year Subscription SaaS	S0W63AAS
7	HPE Aruba Networking Central Switch Class-5 Advanced 5 year Subscription SaaS	S0W64AAS
7	HPE Aruba Networking Central Switch Class-5 Advanced 7 year Subscription SaaS	S0W65AAS
7	HPE Aruba Networking Central Switch Class-5 Advanced 10 year Subscription SaaS	S0W66AAS
7	HPE Aruba Networking Central Switch Class-5 Advanced 1 year Subscription SaaS	S0W87AAS
7	HPE Aruba Networking Central Switch Class-5 Advanced 3 year Subscription SaaS	S0W88AAS
7	HPE Aruba Networking Central Switch Class-5 Advanced 5 year Subscription SaaS	S0W89AAS

Configuration Rules

Rules #	Description
2	Add the Central Cloud Skus to the HPE Aruba Networking Catalog as Standalone: HPE Aruba Networking > Network Management > Central > Cloud Services
7	For IRIS reference only. No action required for OCX and Clic

Technical Specifications

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle (JL624A)		
I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (JL624A, JL625A, JL626A, and JL627A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (JL624A, JL625A, JL626A, and JL627A) include 6 fans.	
Physical characteristics	Dimensions	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.69" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) – 3.1A (high voltage)
	Power consumption	Max: 586 W, 2000 BTU/hr Idle: 209 W, 714 BTU/hr
	Notes: Power Consumption measured in 40°C thermal chamber considers all supported input voltages specified for each product. Idle measurement is collected with no network traffic or modules, Max measurement is collected under 100% line rate with all network ports populated under worst case power conditions	
8325 DC power bundle option	Electric characteristics	JL857A 8325-48Y8C Front-to-Back DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	14.3A
	Power Consumption	501W
Safety	EN/IEC 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN/IEC 62368-1, 2nd. Ed. UL 62368-1, 2rd. Ed. CAN/CSA C22.2 No. 62368-1, 2rd. Ed.	

Technical Specifications

EMC	EN 55032:2015/CISPR 32, Class A FCC CFR 47 Part 15: 2018 Class A ICES-003 Class A VCCI Class A CNS 13438 Class A KS C 9832 Class A AS/NZS CISPR 32 Class A EN 55035, CISPR 35, KS KS C 9835
NEBS	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48VDC ETSI ETS 300 753, Acoustic Noise
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle (JL625A)

I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (JL624A, JL625A, JL626A, and JL627A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (JL624A, JL625A, JL626A, and JL627A) include 6 fans.	
Physical characteristics	**Dimensions**	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.71" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	**Switching capacity**	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000

Technical Specifications

Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	**Frequency**	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) – 3.1A (high voltage)
	Power consumption	Max: 586W
8325 DC power bundle option	**Electric characteristics**	JL858A 8325-48Y8C Back-to-Front DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	15.3A
	Power Consumption	Max: 586 W, 2000 BTU/hr Idle: 209 W, 714 BTU/hr
	Notes: Power Consumption measured in 40°C thermal chamber considers all supported input voltages specified for each product. Idle measurement is collected with no network traffic or modules, Max measurement is collected under 100% line rate with all network ports populated under worst case power conditions	
Safety	EN/IEC 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN/IEC 62368-1, 2nd. Ed. UL 62368-1, 2rd. Ed. CAN/CSA C22.2 No. 62368-1, 2rd. Ed.	
EMC	EN 55032:2015/CISPR 32, Class A FCC CFR 47 Part 15: 2018 Class A ICES-003 Class A VCCI Class A CNS 13438 Class A KS C 9832 Class A AS/NZS CISPR 32 Class A EN 55035, CISPR 35, KS KS C 9835	
NEBS	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48VDC ETSI ETS 300 753, Acoustic Noise	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Technical Specifications

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle (JL626A)		
I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (JL624A, JL625A, JL626A, and JL627A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (JL624A, JL625A, JL626A, and JL627A) include 6 fans.	
Physical characteristics	Dimensions	(H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight	10.9 kg (24.0 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) – 3.1A (high voltage)
	Power consumption	Max: 618W
8325 DC power bundle option	Electric characteristics	JL859A 8325-32C Front-to-Back DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	15.1A
	Power Consumption	Max: 618 W, 2110 BTU/hr Idle: 143 W, 489 BTU/hr
	Notes: Power Consumption measured in 40°C thermal chamber considers all supported input voltages specified for each product. Idle measurement is collected with no network traffic or modules, Max measurement is collected under 100% line rate with all network ports populated under worst case power conditions	
Safety	EN/IEC 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN/IEC 62368-1, 2nd. Ed. UL 62368-1, 2rd. Ed. CAN/CSA C22.2 No. 62368-1, 2rd. Ed.	

Technical Specifications

EMC	EN 55032:2015/CISPR 32, Class A FCC CFR 47 Part 15: 2018 Class A ICES-003 Class A VCCI Class A CNS 13438 Class A KS C 9832 Class A AS/NZS CISPR 32 Class A EN 55035, CISPR 35, KS KS C 9835
NEBS	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48VDC ETSI ETS 300 753, Acoustic Noise
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle (JL627A)

I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (JL624A, JL625A, JL626A, and JL627A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (JL624A, JL625A, JL626A, and JL627A) include 6 fans.	
Physical characteristics	**Dimensions**	(H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight	10.9 kg (24.0 lb)
Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer 32MB
Performance	**Switching capacity**	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000

Technical Specifications

Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) – 3.1A (high voltage)
	Power consumption	Max: 618W
	Notes: Power Consumption measured in 40°C thermal chamber considers all supported input voltages specified for each product. Idle measurement is collected with no network traffic or modules, Max measurement is collected under 100% line rate with all network ports populated under worst case power conditions	
8325 DC power bundle option	Electric characteristics	JL860A 8325-32C Back-to-Front DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	16.4A
	Power Consumption	Max: 618 W, 2110 BTU/hr Idle: 143 W, 489 BTU/hr
Safety	EN/IEC 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN/IEC 62368-1, 2nd. Ed. UL 62368-1, 2rd. Ed. CAN/CSA C22.2 No. 62368-1, 2rd. Ed.	
EMC	EN 55032:2015/CISPR 32, Class A FCC CFR 47 Part 15: 2018 Class A ICES-003 Class A VCCI Class A CNS 13438 Class A KS C 9832 Class A AS/NZS CISPR 32 Class A EN 55035, CISPR 35, KS KS C 9835	
NEBS	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48VDC ETSI ETS 300 753, Acoustic Noise	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Technical Specifications

Standards and protocols
Applies to all products in series

- IEEE 802.1AB-2009
- IEEE 802.1ak-2007
- IEEE 802.1t-2001
- IEEE 802.1AX-2008 Link Aggregation
- IEEE 802.1p Priority
- IEEE 802.1Q VLANs
- IEEE 802.1s Multiple Spanning Trees
- IEEE 802.1w Rapid Reconfiguration of Spanning Tree
- IEEE 802.3ad Link Aggregation Control Protocol (LACP)
- IEEE 802.3ae 10-Gigabit Ethernet
- IEEE 802.3by 25 Gigabit Ethernet
- IEEE 802.3ba 40 and 100 Gigabit Ethernet Architecture
- IEEE 802.3x Flow Control
- IEEE 802.3z 1000BASE-X
- RFC 768 UDP
- RFC 791 IP
- RFC 792 ICMP
- RFC 793 TCP
- RFC 826 ARP
- RFC 768 User Datagram Protocol
- RFC 813 Window and Acknowledgement Strategy in TCP
- RFC 815 IP datagram reassembly algorithms
- RFC 879 TCP maximum segment size and related topics
- RFC 896 Congestion control in IP/TCP internetworks
- RFC 917 Internet subnets
- RFC 919 Broadcasting Internet Datagrams
- RFC 922 Broadcasting Internet Datagrams in the Presence of Subnets (IP_BROAD)
- RFC 925 Multi-LAN address resolution
- RFC 1215 Convention for defining traps for use with the SNMP
- RFC 1256 ICMP Router Discovery Messages
- RFC 1393 Traceroute Using an IP Option
- RFC 1591 Domain Name System Structure and Delegation
- RFC 1657 Definitions of Managed Objects for BGP-4 using SMIv2
- RFC 1772 Application of the Border Gateway Protocol in the Internet
- RFC 1981 Path MTU Discovery for IP version 6
- RFC 1997 BGP Communities Attribute
- RFC 1998 An Application of the BGP Community Attribute in Multi-home Routing
- RFC 2385 Protection of BGP Sessions via the TCP MD5 Signature Option
- RFC 2401 Security Architecture for the Internet Protocol
- RFC 2402 IP Authentication Header
- RFC 2406 IP Encapsulating Security Payload (ESP)
- RFC 2460 Internet Protocol, Version 6 (IPv6) Specification
- RFC 2545 Use of BGP-4 Multiprotocol Extensions for IPv6 Inter-Domain Routing
- RFC 2710 Multicast Listener Discovery (MLD) for IPv6
- RFC 2787 Definitions of Managed Objects for the Virtual Router Redundancy Protocol
- RFC 2918 Route Refresh Capability for BGP-4
- RFC 2934 Protocol Independent Multicast MIB for IPv4

Technical Specifications

- RFC 3137 OSPF Stub Router Advertisement
- RFC 3176 InMon Corporation's sFlow: A Method for Monitoring Traffic in Switched and Routed Networks
- RFC 3484: Default Address Selection for Internet Protocol version 6 (IPv6)
- RFC 3509 Alternative Implementations of OSPF Area Border Routers
- RFC 3623 Graceful OSPF Restart
- RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6
- RFC 4213 Basic Transition Mechanisms for IPv6 Hosts and Routers
- RFC 4251 The Secure Shell (SSH) Protocol
- RFC 4271 A Border Gateway Protocol 4 (BGP-4)
- RFC 4273 Definitions of Managed Objects for BGP-4
- RFC 4291 IP Version 6 Addressing Architecture
- RFC 4292 IP Forwarding Table MIB
- RFC 4293 Management Information Base for the Internet Protocol (IP)
- RFC 4360 BGP Extended Communities Attribute
- RFC 4486 Subcodes for BGP Cease Notification Message
- RFC 4552 Authentication/Confidentiality for OSPFv3
- RFC 4724 Graceful Restart Mechanism for BGP
- RFC 4940 IANA Considerations for OSPF
- RFC 5095: Deprecation of Type 0 Routing Headers in IPv6
- RFC 5187 OSPFv3 Graceful Restart
- RFC 6987 OSPF Stub Router Advertisement
- RFC 7047 The Open vSwitch Database Management Protocol
- RFC 4251 The Secure Shell (SSH) Protocol
- RFC 4271 A Border Gateway Protocol 4 (BGP-4)
- RFC 4291 IP Version 6 Addressing Architecture
- RFC 4292 IP Forwarding Table MIB
- RFC 4293 Management Information Base for the Internet Protocol (IP)
- RFC 4760 Multiprotocol Extensions for BGP-4
- RFC 4940 IANA Considerations for OSPF
- RFC 5187 OSPFv3 Graceful Restart
- RFC 5701 IPv6 Address Specific BGP Extended Community Attribute
- RFC 6987 OSPF Stub Router Advertisement
- RFC 7047 The Open vSwitch Database Management Protocol
- RFC 7059 A Comparison of IPv6-over-IPv4 Tunnel Mechanisms
- RFC 7313 Enhanced Route Refresh Capability for BGP-4
- RFC 8201 Path MTU Discovery for IP version 6

HPE Aruba Networking Data Center Networking Solution for HPE

New HPE Aruba Networking Data Center Networking Solution SKUs for HPE

Hewlett Packard Enterprise and HPE Aruba Networking offer customers highly differentiated pre-engineered IT infrastructure solutions that span a wide variety HPE compute, storage, networking that span virtualization, vSAN, HCI, HPC, MCS, Microsoft, SAP HANA, VMware, Nutanix application and IaaS service offerings. HPE Aruba Networking 10/25 and 40/100G CX switches can be deployed as part of these solutions and is often designed into these integrated solutions along with HPE ProLiant DL/DX servers, SimpliVity, Nimble, Synergy, Cray Shasta, Cray ClusterStor, Superdome Flex and HPE GreenLake. These ready-to-deploy, integrated IT data center solutions help simplify and speed IT service delivery while reducing the time, risk, and expertise needed to deploy complex solutions.

To ensure that these Hewlett Packard Enterprise and HPE Aruba Networking integrated solutions receive simplified ordering and the highest-level of customer service and support, HPE Aruba Networking has created a special tracking HPE Aruba Networking Data Center networking SKUs for HPE deployments that identifies these integrated solutions to ensure they receive rapid support triage and streamlines escalation through HPE Services. Please use these new tracking SKUs when HPE Aruba Networking CX switches are included in HPE integrated and mixed compute, storage and networking configuration and deployments, refer to this page for HPE Aruba Networking Switches qualification with Storage solutions:
https://spock.corp.int.hpe.com/spock/utility/document.aspx?docurl=Shared%20Documents/hw/switches/HPE_Aruba_Storage_Networking_Connectivity.pdf

Notes: Current HPE Aruba Networking "J#" SKUs should still be used for all data center network centric (HPE Aruba Networking "only", Non HPE environments). Please contact your sales representative for additional information and ordering guidance.

HPE Aruba Networking 8325 DC Switch Series
BTO Models

Rule #	Description	SKU
	AC Bundles	
1, 2, 3, 4, 5, 6, 7, 8	Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE	R9F64A
	• Includes 2 FB Power Supplies (R9F72A) with no additional open PS slots	
	• Includes 6 FB Fan Tray Bundles (R9F68A) with no additional open FT Slots	
	• Must select a Rack Kit	
	• Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers	
	• Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers	
	• QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)	
	• 1U - Height	
	HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F64A#B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F64A#B2C
	• C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F64A#B2E
	• HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)	
	HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F64A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	
1, 2, 3, 4, 5, 6, 7, 8	Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE	R9F65A
	• Includes 2 BF Power Supplies (R9F73A) with no additional open PS slots	
	• Includes 6 BF Fan Tray Bundles (R9F69A) with no additional open FT Slots	
	• Must select a Rack Kit	

HPE Aruba Networking Data Center Networking Solution for HPE

- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F65A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F65A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F65A#B2E

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F65A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

4, 5, 6, 7, 8	Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE	R9F66A

- Includes 2 FB Power Supplies (R9F72A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (R9F70A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

HPE Aruba Networking 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F66A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F66A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F66A#B2E

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

HPE Aruba Networking 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F66A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

4, 5, 6, 7, 8	Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE	R9F67A

- Includes 2 BF Power Supplies (R9F73A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (R9F71A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

HPE Aruba Networking 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F67A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

HPE Aruba Networking 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F67A#B2C

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

HPE Aruba Networking Data Center Networking Solution for HPE

HPE Aruba Networking 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F67A#B2E

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

HPE Aruba Networking 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F67A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

DC Bundles

Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 DC PSU Switch Bundle for HPE	S1D09A

- Includes 2 FB Power Supplies (S1D13A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 DC PSU Switch Bundle for HPE	S1D10A

- Includes 2 BF Power Supplies (S1D14A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

Aruba 8325-32C Port to Power Airflow 6 Fans 2 DC PSU Switch Bundle for HPE	S1D11A

- Includes 2 FB Power Supplies (S1D13A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

Aruba 8325-32C Power to Port Airflow 6 Fans 2 DC PSU Switch Bundle for HPE	S1D12A

- Includes 2 BF Power Supplies (S1D14A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

Configuration Rules

Rule #	Description	
1	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver for HPE	R9F86A
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver for HPE	R9F87A
	Aruba 1G SFP LC SX 500m MMF TAA Transceiver for HPE	R9Q43A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver for HPE	R9Q44A
	Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver for HPE	R9Q45A
	HPE BladeSystem CClass Virtual Connect 1G SFP RJ45 Transceiver	453154-B21
	HPE Networking X120 1G SFP RJ45 T Transceiver	JD089B
2	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver for HPE	R9F85A

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	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable for HPE	R9F83A
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable for HPE	R9F84A
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
	HPE FlexNetwork X240 10G SFP+ to SFP+ 5m Direct Attach Copper Cable	JG081C
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563B
	HPE Networking X130 10G SFP+ LC SR Transceiver	JD092B
	HPE 10GbE SFP+ SR Multi-mode 300m Transceiver	Q6M30A
	HPE BladeSystem c-Class 10Gb SFP+ SR Transceiver	455883-B21
	HPE 10Gb SFP+ Short Wave 1-pack Pull Tab Optical Transceiver	Q2P65A
3	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable for HPE	R9F91A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable for HPE	R9F92A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable for HPE	R9F93A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable for HPE	R9F94A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable for HPE	R9F95A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable for HPE	R9F96A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
	HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21
	HPE 25GbE SFP28 to SFP28 5m Smart Active Optical Cable	Q9S68A
	HPE 25GbE SFP28 to SFP28 15m Smart Active Optical Cable	Q9S70A
	HPE 25Gb SFP28 SR 30m Transceiver	R0R42A
	HPE X190 25G SFP28 LC SR 100m MM Transceiver	JL293A
	HPE 25Gb SFP28 Short Wave Extended Temperature 1-pack Pull Tab Optical Transceiver	Q2P64B
	HPE 25Gb SFP28 SR 100m Transceiver	845398-B21
	HPE Alletra 6000 2x25Gb SFP28 SR 100m FIO Transceiver	R7D07A
	HPE Alletra 6000 2x25Gb SFP28 SR 100m Transceiver	R7D11A
4	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	Aruba 40G QSFP+ MPO SR4 Transceiver for HPE	R9F97A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	Aruba 40G QSFP+ MPO eSR4 300M Transceiver for HPE	R9F98A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver for HPE	R9G02A
	Aruba 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable for HPE	R9F99A
	Aruba 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable for HPE	R9G00A
	Aruba 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable for HPE	R9G01A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable for HPE	R9G03A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable for HPE	R9G04A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable for HPE	R9G05A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	JG330A
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A
	HPE BladeSystem c-Class 40G QSFP+ to QSFP+ 15m Active Optical Cable	720211-B21
	HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m Active Optical Cable	Q9S66A

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5	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 MMF Transceiver for HPE	R9F75A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28-QSFP28 3m Direct Attach Copper Cable for HPE	R9F74A
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable for HPE	R9F77A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable for HPE	R9F78A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable for HPE	R9F76A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable for HPE	R9F79A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable for HPE	R9F80A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable for HPE	R9F81A
	HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
	HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21
	HPE QSFP28 to SFP28 Adapter	845970-B21
	HPE X240 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	JL271A
	HPE X240 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL272A
	HPE 100Gb QSFP28 to QSFP28 3m Direct Attach Copper Cable	845406-B21
	HPE 100Gb QSFP28 to QSFP28 5m Direct Attach Copper Cable	845408-B21
	HPE X240 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	JL273A
	HPE X240 QSFP28 4xSFP28 5m Direct Attach Copper Cable	JL284A
	HPE 100GbE QSFP28 to QSFP28 5m Active Optical Cable	Q9S71A
	HPE 100GbE QSFP28 SR4 100m Transceiver	Q2F19A
	HPE 100Gb QSFP28 MPO SR4 100m Transceiver	845966-B21

6	Localization required on orders without B2B, B2C, B2E or AC3 options.	
7	If qty1 of the following QSA28 Adapter(845970-B21) is selected, then increase max SFP28 Port qty by 1 and allow user selection of the following SFP Transceivers. Refer to qty and port restrictions for individual Switch in the "Additional Info" sections: (Use BTO only when adding this QSA28 Adapter)	
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A

8	Unbuildable/FAN required, generates CFGU: If order is quoted for India and contains "#B2C" Option, then Display the following:
	For BTO shipments to India: Please replace <Base Model>#B2C option with <Base Model>#AC3 in the Bill of Materials and add the appropriate INDIA PDU Power Cord below via Ad-Hoc:
	JL671A - HPE 2.0m C13 to C14 PDU IN Power Cord
	JL672A - HPE 2.5m C15 to C14 PDU IN Power Cord
	JL673A - HPE 2.5m C19 to C20 PDU IN Power Cord
	For Factory Integration of Power Cord, please add "#0D1" to the Power Cord Sku suffix. (Ex. JL671A#0D1)

Notes:
- – Drop down under power supply should offer the following options and results:
    - o Switch/Router/Power Supply to PDU Power Cord - B2B in North America, Mexico, Taiwan, and Japan or B2C ROW. (OCA Default B2B or B2C for Rack Level CTO)
    - o Switch/Router/Power Supply to Wall Power Cord - Localized Option (OCA Default for BTO and Box Level CTO)

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- o   High Volt Switch/Router/Power Supply to Wall Power Cord - B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)
- o   No Power Cord - AC3 Option
- –   Locking Power Cord (J9955A) L6-20P is available through the OCA Accessories tab
- –   OCA Only Model Selection Form - HPE Offering > HPE Aruba Networking > DC Solutions Switches for HPE > AOS-CX: HPE Aruba Networking 8325 DC Switch Series

Rack Level Integration CTO Models

Rule #	Description	SKU
	AC Bundles	
1, 2, 3, 4, 5, 6, 7, 8, 9	Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE	R9F64A
	• Includes 2 FB Power Supplies (R9F72A) with no additional open PS slots	
	• Includes 6 FB Fan Tray Bundles (R9F68A) with no additional open FT Slots	
	• Must select 4 Post Rack Kit (R9F59A)	
	• Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers	
	• Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers	
	• QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)	
	• 1U - Height	
	HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F64A#B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F64A#B2C
	• C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F64A#B2E
	• HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)	
	HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F64A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	
1, 2, 3, 4, 5, 6, 7, 8, 9	Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE	R9F65A
	• Includes 2 BF Power Supplies (R9F73A) with no additional open PS slots	
	• Includes 6 BF Fan Tray Bundles (R9F69A) with no additional open FT Slots	
	• Must select 4 Post Rack Kit (R9F59A)	
	• Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers	
	• Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers	
	• QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)	
	• 1U - Height	
	HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F65A#B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F65A#B2C
	C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)	
	HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F65A#B2E
	• HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)	
	HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F65A#AC3

HPE Aruba Networking Data Center Networking Solution for HPE

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

| 4, 5, 6, 7, 8, 9 | Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE | R9F66A |

- Includes 2 FB Power Supplies (R9F72A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (R9F70A) with no additional open FT Slots
- Must select 4 Post Rack Kit (R9F59A)
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

| HPE Aruba Networking 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU | R9F66A#B2B |

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

| HPE Aruba Networking 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU | R9F66A#B2C |

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

| HPE Aruba Networking 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle 220v | R9F66A#B2E |

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

| HPE Aruba Networking 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle NoLoc | R9F66A#AC3 |

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

| 4, 5, 6, 7, 8, 9 | Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE | R9F67A |

- Includes 2 BF Power Supplies (R9F73A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (R9F71A) with no additional open FT Slots
- Must select 4 Post Rack Kit (R9F59A)
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

| HPE Aruba Networking 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU | R9F67A#B2B |

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (JL697A C13 PDU cord)

| HPE Aruba Networking 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU | R9F67A#B2C |

- C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)

| HPE Aruba Networking 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v | R9F67A#B2E |

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

| HPE Aruba Networking 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle NoLoc | R9F67A#AC3 |

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

DC Bundles

| 1, 2, 3, 4, 5, 7, 8 | Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 DC PSU Switch Bundle for HPE | S1D09A |

- Includes 2 FB Power Supplies (S1D13A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

HPE Aruba Networking Data Center Networking Solution for HPE

1, 2, 3, 4, 5, 7, 8	Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 DC PSU Switch Bundle for HPE	S1D10A

- Includes 2 BF Power Supplies (S1D14A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

4, 5, 7, 8	Aruba 8325-32C Port to Power Airflow 6 Fans 2 DC PSU Switch Bundle for HPE	S1D11A

- Includes 2 FB Power Supplies (S1D13A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

4, 5, 7, 8	Aruba 8325-32C Power to Port Airflow 6 Fans 2 DC PSU Switch Bundle for HPE	S1D12A

- Includes 2 BF Power Supplies (S1D14A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

Configuration Rules

Rule #	Description	
1	The following Transceivers install into this Switch: (Use 0D1 or B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver for HPE	R9F86A
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver for HPE	R9F87A
	Aruba 1G SFP LC SX 500m MMF TAA Transceiver for HPE	R9Q43A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver for HPE	R9Q44A
	Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver for HPE	R9Q45A
	HPE BladeSystem CClass Virtual Connect 1G SFP RJ45 Transceiver	453154-B21
	HPE Networking X120 1G SFP RJ45 T Transceiver	JD089B
2	The following Transceivers install into this Switch: (Use 0D1 quoted to switch if switch is CTO) - if applicable:	
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver for HPE	R9F85A
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable for HPE	R9F83A
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable for HPE	R9F84A
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
	HPE FlexNetwork X240 10G SFP+ to SFP+ 5m Direct Attach Copper Cable	JG081C
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563B
	HPE Networking X130 10G SFP+ LC SR Transceiver	JD092B
	HPE 10GbE SFP+ SR Multi-mode 300m Transceiver	Q6M30A
	HPE BladeSystem c-Class 10Gb SFP+ SR Transceiver	455883-B21

HPE Aruba Networking Data Center Networking Solution for HPE

	HPE 10Gb SFP+ Short Wave 1-pack Pull Tab Optical Transceiver	Q2P65A
3	The following Transceivers install into this Switch: (Use 0D1 or B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable for HPE	R9F91A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable for HPE	R9F92A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable for HPE	R9F93A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable for HPE	R9F94A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable for HPE	R9F95A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable for HPE	R9F96A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
	HPE 25GbE SFP28 to SFP28 5m Smart Active Optical Cable	Q9S68A
	HPE 25GbE SFP28 to SFP28 15m Smart Active Optical Cable	Q9S70A
	HPE 25Gb SFP28 SR 30m Transceiver	R0R42A
	HPE X190 25G SFP28 LC SR 100m MM Transceiver	JL293A
	HPE 25Gb SFP28 Short Wave Extended Temperature 1-pack Pull Tab Optical Transceiver	Q2P64B
	HPE 25Gb SFP28 SR 100m Transceiver	845398-B21
4	The following Transceivers install into this Switch: (Use 0D1 or B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	Aruba 40G QSFP+ MPO SR4 Transceiver for HPE	R9F97A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	Aruba 40G QSFP+ MPO eSR4 300M Transceiver for HPE	R9F98A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver for HPE	R9G02A
	Aruba 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable for HPE	R9F99A
	Aruba 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable for HPE	R9G00A
	Aruba 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable for HPE	R9G01A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable for HPE	R9G03A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable for HPE	R9G04A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable for HPE	R9G05A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	JG330A
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A
	HPE BladeSystem c-Class 40G QSFP+ to QSFP+ 15m Active Optical Cable	720211-B21
	HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m Active Optical Cable	Q9S66A
5	The following Transceivers install into this Switch: (Use 0D1 or B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 MMF Transceiver for HPE	R9F75A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28-QSFP28 3m Direct Attach Copper Cable for HPE	R9F74A
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable for HPE	R9F77A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable for HPE	R9F78A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable for HPE	R9F76A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable for HPE	R9F79A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable for HPE	R9F80A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable for HPE	R9F81A
	HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21

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	HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21
	HPE QSFP28 to SFP28 Adapter	845970-B21
	HPE X240 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	JL271A
	HPE X240 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL272A
	HPE 100Gb QSFP28 to QSFP28 3m Direct Attach Copper Cable	845406-B21
	HPE 100Gb QSFP28 to QSFP28 5m Direct Attach Copper Cable	845408-B21
	HPE X240 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	JL273A
	HPE X240 QSFP28 4xSFP28 5m Direct Attach Copper Cable	JL284A
	HPE 100GbE QSFP28 to QSFP28 5m Active Optical Cable	Q9S71A
	HPE 100GbE QSFP28 SR4 100m Transceiver	Q2F19A
	HPE 100Gb QSFP28 MPO SR4 100m Transceiver	845966-B21
6	OCA Only: Required Custom Choice (Min1/Max1)	

- Switch/Router/Power Supply to PDU Power Cord - B2B in North America, Mexico, Taiwan, and Japan or B2C ROW. (OCA Default B2B or B2C for Rack Level CTO)
- Switch/Router/Power Supply to Wall Power Cord - Localized Option (OCA Default for BTO)
- High Volt Switch/Router/Power Supply to Wall Power Cord - B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)
- No Power Cord - AC3 Option

7	If the CTO Switch Chassis needs to be racked, Then the CTO Base Model needs to integrate (with 0D1) to the HPE Network Rack.	
8	If qty1 of the following QSA28 Adapter(845970-B21) is selected, then increase max SFP28 Port qty by 1 and allow user selection of the following SFP Transceivers. Refer to qty and port restrictions for individual Switch in the "Additional Info" sections: (Use #0D1 for this XCVR Adapter since switch is factory racked)	
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
9	Unbuildable/FAN required, generates CFGU: If order is quoted for India and contains "#B2C" Option, then Display the following:	
	For BTO shipments to India: Please replace <Base Model>#B2C option with <Base Model>#AC3 in the Bill of Materials and add the appropriate INDIA PDU Power Cord below via Ad-Hoc:	
	JL671A - HPE 2.0m C13 to C14 PDU IN Power Cord	
	JL672A - HPE 2.5m C15 to C14 PDU IN Power Cord	
	JL673A - HPE 2.5m C19 to C20 PDU IN Power Cord	
	For Factory Integration of Power Cord, please add "#0D1" to the Power Cord Sku suffix. (Ex. JL671A#0D1)	
Notes:	Locking Power Cord (J9955A) L6-20P is available through the OCA Accessories tab	

Transceivers

SFP Transceivers

Rule #	Description	SKU
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver for HPE	R9F86A
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
1	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver for HPE	R9F87A
	Aruba 1G SFP LC SX 500m MMF TAA Transceiver for HPE	R9Q43A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver for HPE	R9Q44A

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1	Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver for HPE	R9Q45A
1	HPE BladeSystem CClass Virtual Connect 1G SFP RJ45 Transceiver	453154-B21
	HPE Networking X120 1G SFP RJ45 T Transceiver	JD089B

Configuration Rules

Rule #	Description
1	– min 0 // max 32 of this XCVR can be installed into the following Switches: R9F64A, R9F65A, S1D09A, S1D10A
	– Max of 32 RJ45 XCVRs in either the R9F64A/R9F65A/S1D09A/S1D10A and can be installed into ports 1-48 excluding 3rd row of ports.

SFP+ Transceivers

Rule #	Description	SKU
1	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver for HPE	R9F85A
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable for HPE	R9F83A
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable for HPE	R9F84A
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
	HPE FlexNetwork X240 10G SFP+ to SFP+ 5m Direct Attach Copper Cable	JG081C
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563B
	HPE Networking X130 10G SFP+ LC SR Transceiver	JD092B
	HPE 10GbE SFP+ SR Multi-mode 300m Transceiver	Q6M30A
	HPE BladeSystem c-Class 10Gb SFP+ SR Transceiver	455883-B21
	HPE 10Gb SFP+ Short Wave 1-pack Pull Tab Optical Transceiver	Q2P65A

Configuration Rules

Rule #	Description
1	– min 0 // max 12 XCVRs (R9F85A) can be installed into the following Switches: R9F64A, R9F65A
	– R9F85A Max of 12 in either the R9F64A/R9F65A and only allowed in ports 1-17 excluding 3rd row of ports.

SFP28 Transceivers

Rule #	Description	SKU
	Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable for HPE	R9F91A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable for HPE	R9F92A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable for HPE	R9F93A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable for HPE	R9F94A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable for HPE	R9F95A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable for HPE	R9F96A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
	HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21
	HPE 25GbE SFP28 to SFP28 5m Smart Active Optical Cable	Q9S68A
	HPE 25GbE SFP28 to SFP28 15m Smart Active Optical Cable	Q9S70A
	HPE 25Gb SFP28 SR 30m Transceiver	R0R42A
	HPE X190 25G SFP28 LC SR 100m MM Transceiver	JL293A
	HPE 25Gb SFP28 Short Wave Extended Temperature 1-pack Pull Tab Optical Transceiver	Q2P64B
	HPE 25Gb SFP28 SR 100m Transceiver	845398-B21

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Configuration Rules

Rule #	Description
Notes:	– The 48 x SFP28 Ports function in port groups of 12 ports. Each port group must operate at the same speed (ie. Group 1 = qty12 of 1G or 10G or 25G transceivers).
	o Group 1 = ports 1-12
	o Group 2 = ports 13-24
	o Group 3 = ports 25-36
	o Group 4 = ports 37-48

QSFP+ Transceivers

Rule #	Description	SKU
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	Aruba 40G QSFP+ MPO SR4 Transceiver for HPE	R9F97A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	Aruba 40G QSFP+ MPO eSR4 300M Transceiver for HPE	R9F98A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver for HPE	R9G02A
	Aruba 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable for HPE	R9F99A
	Aruba 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable for HPE	R9G00A
	Aruba 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable for HPE	R9G01A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable for HPE	R9G03A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable for HPE	R9G04A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable for HPE	R9G05A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	JG330A
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A
	HPE BladeSystem c-Class 40G QSFP+ to QSFP+ 15m Active Optical Cable	720211-B21
	HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m Active Optical Cable	Q9S66A

QSFP28 Transceivers

Rule #	Description	SKU
1	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 MMF Transceiver for HPE	R9F75A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28-QSFP28 3m Direct Attach Copper Cable for HPE	R9F74A
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable for HPE	R9F77A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable for HPE	R9F78A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable for HPE	R9F76A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable for HPE	R9F79A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable for HPE	R9F80A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable for HPE	R9F81A
	HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
	HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21
	HPE X240 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	JL271A
	HPE X240 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL272A
	HPE 100Gb QSFP28 to QSFP28 3m Direct Attach Copper Cable	845406-B21
	HPE 100Gb QSFP28 to QSFP28 5m Direct Attach Copper Cable	845408-B21
	HPE X240 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	JL273A
	HPE X240 QSFP28 4xSFP28 5m Direct Attach Copper Cable	JL284A
	HPE 100GbE QSFP28 to QSFP28 5m Active Optical Cable	Q9S71A
	HPE 100GbE QSFP28 SR4 100m Transceiver	Q2F19A
	HPE 100Gb QSFP28 MPO SR4 100m Transceiver	845966-B21

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	QSA28 Adapter	
2	HPE QSFP28 to SFP28 Adapter	845970-B21
	Configuration Rules	
Rule #	**Description**	
1	– min 0 // max 4 XCVRs (JL743A) can be installed into the following Switches: R9F64A, R9F65A, R9F66A, R9F67A, S1D09A, S1D10A, S1D11A, S1D12A.	
	– OCA Display **Notes:**	
	o JL743A Max of 4 in either the R9F64A/R9F65A and only allowed in ports 49, 51, 53, 55.	
	o JL743A Max of 4 in either the R9F66A/R9F67A and only allowed in ports 29-32.	
2	If selecting the 845970-B21 - QSFP28 to SFP28 Adapter, then see HPE Aruba Networking Transceiver Guide for details.	

Cables

Multi-Mode Cables

HPE LC to LC Multi-mode OM3 2-Fiber 0.5m 1-Pack Fiber Optic Cable	AJ833A
HPE LC to LC Multi-mode OM3 2-Fiber 1.0m 1-Pack Fiber Optic Cable	AJ834A
HPE LC to LC Multi-mode OM3 2-Fiber 2.0m 1-Pack Fiber Optic Cable	AJ835A
HPE LC to LC Multi-mode OM3 2-Fiber 5.0m 1-Pack Fiber Optic Cable	AJ836A
HPE LC to LC Multi-mode OM3 2-Fiber 15.0m 1-Pack Fiber Optic Cable	AJ837A
HPE LC to LC Multi-mode OM3 2-Fiber 30.0m 1-Pack Fiber Optic Cable	AJ838A
HPE LC to LC Multi-mode OM3 2-Fiber 50.0m 1-Pack Fiber Optic Cable	AJ839A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 1m Cable	QK732A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 2m Cable	QK733A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 5m Cable	QK734A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 15m Cable	QK735A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 30m Cable	QK736A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 50m Cable	QK737A
HPE 5m Single-Mode LC/LC Fibre Channel Cable	AK346A

MPO Cables

HPE Multi Fiber Push On to 4 x Lucent Connector 5m Cable	K2Q46A
HPE Multi Fiber Push On to 4 x Lucent Connector 15m Cable	K2Q47A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 10m Cable	QK729A
HPE Premier Flex MPO/MPO Multi-mode OM4 8 Fiber 50m Cable	QK731A
HPE Premier Flex MPO/MPO OM4 100m Cable	H6Z30A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 1m Cable	Q1H63A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 2m Cable	Q1H64A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 5m Cable	Q1H65A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 15m Cable	Q1H66A
HPE Premier Flex MPO/MPO Multi-mode OM4 12 Fiber 30m Cable	Q1H67A
HPE Premier Flex MPO to 4xLC 30m Cbl	Q1H68A
HPE Premier Flex MPO to 4xLC 50m Cable	Q1H69A
HPE Premier Flex MPO12 to MPO12 APC Single-mode 50m 1-pack Cable	R6F28A
HPE Premier Flex MPO12 to MPO12 APC Single-mode 100m 1-pack Cable	R6F29A
HPE Premier Flex MPO12 to MPO12 APC Single-mode 300m 1-pack Cable	R6F30A

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HPE Premier Flex MPO12 to MPO12 APC Single-mode 500m 1-pack Cable	R6F31A

Switch Options

Rack Mount Kits
For 8325 DC System (std 0 // max 1) User Selection (min 1 // max 1) per enclosure

Rule #	Description	SKU
	HPE Aruba Networking X472 2-post Rack Kit	JL482C
1	Aruba 4-post Rack Kit for HPE	R9F59A

Configuration Rules

Rule #	Description
1	If the switch will be factory racked into an HPE Universal Rack, then (Min 1) of the 4 Post Rack Mount kit is required.

India PDU Cable
For 8325 DC (std 0 // max 1) User Selection (min 0 // max 1) per enclosure

HPE 2.0m C13 to C14 PDU India Power Cord	JL671A

- C13 India PDU Cable for Factory Racked Systems Only

Notes: This Power Cord is only available when the #AC3 option is selected for the supported Switch Enclosure and intended for India

Accessories

Spare Items

Rule #	Description	SKU
1, 2	Aruba 8325 650W 100-240VAC Port to Power Airflow Power Supply Unit for HPE	R9F72A

- Includes 1 x c13, 650w

HPE Aruba Networking 8325 650W 100-240VAC Port-to-Power Airflow Power Supply Unit PDU		R9F72A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)

HPE Aruba Networking 8325 650W 100-240VAC Port-to-Power Airflow Power Supply Unit PDU		R9F72A#B2C

- C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)

HPE Aruba Networking 8325 650W 100-240VAC Port-to-Power Airflow Power Supply Unit 220v		R9F72A#B2E

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

HPE Aruba Networking 8325 650W 100-240VAC Port-to-Power Airflow Power Supply Unit NoLoc		R9F72A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

Rule #	Description	SKU
1, 2	Aruba 8325 650W 100-240VAC Power to Port Airflow Power Supply Unit for HPE	R9F73A

- Includes 1 x c13, 650w

HPE Aruba Networking 8325 650W 100-240VAC Power-to-Port Airflow Power Supply Unit PDU		R9F73A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)

HPE Aruba Networking 8325 650W 100-240VAC Power-to-Port Airflow Power Supply Unit PDU		R9F73A#B2C

- C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)

HPE Aruba Networking 8325 650W 100-240VAC Power-to-Port Airflow Power Supply Unit 220v		R9F73A#B2E

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

HPE Aruba Networking 8325 650W 100-240VAC Power-to-Port Airflow Power Supply Unit NoLoc		R9F73A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

Aruba 8325 850W 48VDC Port to Power Airflow Power Supply Unit for HPE		S1D13A

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Aruba 8325 850W 48VDC Power to Port Airflow Power Supply Unit for HPE	S1D14A
Aruba 8325-48Y8C Port to Power Airflow Fan for HPE	R9F68A
Aruba 8325-48Y8C Power to Port Airflow Fan for HPE	R9F69A
Aruba 8325-32C Port to Power Airflow Fan for HPE	R9F70A
Aruba 8325-32C Power to Port Airflow Fan for HPE	R9F71A
Aruba 4-post Rack Kit for HPE	R9F59A
Aruba RJ45 to DB9 Console Cable for HPE	R9F58A

Configuration Rules

Rule #	Description
1	Localization required on orders without B2B, B2C, B2E or AC3 options.
2	Unbuildable/FAN required, generates CFGU: If order is quoted for India and contains "#B2C" Option, then Display the following: For BTO shipments to India: Please replace <Base Model>#B2C option with <Base Model>#AC3 in the Bill of Materials and add the appropriate INDIA PDU Power Cord below via Ad-Hoc: JL671A - HPE 2.0m C13 to C14 PDU IN Power Cord JL672A - HPE 2.5m C15 to C14 PDU IN Power Cord JL673A - HPE 2.5m C19 to C20 PDU IN Power Cord For Factory Integration of Power Cord, please add "#0D1" to the Power Cord Sku suffix. (Ex. JL671A#0D1)

Notes:
- Drop down under power supply should offer the following options and results:
  o Switch/Router/Power Supply to PDU Power Cord - #B2B in North America, Mexico, Taiwan, and Japan or #B2C ROW. (OCA Default B2B or B2C for Rack Level CTO)
  o Switch/Router/Power Supply to Wall Power Cord - Localized Option (OCA Default for BTO)
  o High Volt Switch/Router/Power Supply to Wall Power Cord - #B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)
  o No Power Cord - #AC3 Option
- OCA Display
  Notes: Locking Power Cord (J9955A) L6-20P is available in the Accessories tab
- OCA Display
  Notes: 2 Power Supply is included with the Switch Bundle

Software

Remarks	Description	SKU
	NetEdit	
	Aruba NetEdit Single Node 1 year Subscription E-STU for HPE	R9G36AAE
	Aruba NetEdit Single Node 3 year Subscription E-STU for HPE	R9G37AAE
	Aruba Fabric Composer	
	Aruba Fabric Composer Device Management Service Tier 4 Switch 1 year Subscription E-STU for HPE	R9G26AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 3 year Subscription E-STU for HPE	R9G27AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 5 year Subscription E-STU for HPE	R9G28AAE

HPE Aruba Networking Data Center Networking Solution for HPE

Technical Specifications

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle (R9F64A)		
I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.	
Physical characteristics	Dimensions	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.69" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6A (low voltage) – 3A (high voltage)
	Power consumption	Max: 550W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005, Ed.2; Am 1:2009+A2:2013, UL 60950-1, CSA 22.2 No 60950-1, EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010, EN 61000-3-2:2014, Class A EN 61000-3-3:2013, FCC CFR 47 Part 15:2010, Class A, VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1, Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

HPE Aruba Networking Data Center Networking Solution for HPE

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle (R9F65A)		
I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.	
Physical characteristics	Dimensions	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.71" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6A (low voltage) – 3A (high voltage)
	Power consumption	Max: 550W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005, Ed.2; Am 1:2009+A2:2013, UL 60950-1, CSA 22.2 No 60950-1, EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010, EN 61000-3-2:2014, Class A EN 61000-3-3:2013, FCC CFR 47 Part 15:2010, Class A, VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

HPE Aruba Networking Data Center Networking Solution for HPE

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle (R9F66A)		
I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.	
Physical characteristics	Dimensions	(H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight	10.9 kg (24.0 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6A (low voltage) – 3A (high voltage)
	Power consumption	Max: 550W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005, Ed.2; Am 1:2009+A2:2013, UL 60950-1, CSA 22.2 No 60950-1, EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010, EN 61000-3-2:2014, Class A EN 61000-3-3:2013, FCC CFR 47 Part 15:2010, Class A, VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

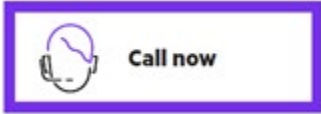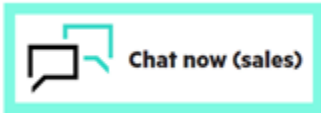## HPE Aruba Networking Data Center Networking Solution for HPE

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle (R9F67A)		
I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.	
Physical characteristics	Dimensions	(H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight	10.9 kg (24.0 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer 32MB
Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
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	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6A (low voltage) – 3A (high voltage)
	Power consumption	Max: 550W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005 Ed.2; Am 1:2009+A2:2013, UL 60950-1, CSA 22.2 No 60950-1, EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010, EN 61000-3-2:2014, Class A EN 61000-3-3:2013, FCC CFR 47 Part 15:2010, Class A, VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Summary of Changes

Date	Version History	Action	Description of Change
04-Dec-2023	Version 34	Changed	Obsolete SKU was removed. Configuration Information section was updated. Series name was updated.
05-Sep-2023	Version 33	Changed	Configuration Information section was updated.
10-Jul-2023	Version 32	Changed	Configuration Information section was updated.
15-May-2023	Version 31	Changed	Configuration Information and Aruba Data Center Networking Solution for HPE sections were updated.
13-Mar-2023	Version 30	Changed	Configuration Information and Aruba Data Center Networking Solution for HPE sections were updated.
06-Feb-2023	Version 29	Changed	Standard Features, Configuration Information, and Aruba Data Center Networking Solution for HPE sections were updated.
05-Dec-2022	Version 28	Changed	Configuration Information section was updated and new SKUs were added.
07-Nov-2022	Version 27	Changed	Standard Features, Configuration Information and Aruba Data Center Networking Solution for HPE sections were updated.
03-Oct-2022	Version 26	Changed	Configuration Information and Aruba Data Center Networking Solution for HPE sections were updated.
01-Aug-2022	Version 25	Changed	Configuration Information section was updated.
06-Jun-2022	Version 24	Changed	Standard Features, Configuration Information and Aruba Data Center Networking Solution for HPE sections were updated.
02-May-2022	Version 23	Changed	Configuration Information and Aruba Data Center Networking Solution for HPE sections were updated.
07-Mar-2022	Version 22	Changed	Configuration Information and Technical Specifications sections were updated. New SKUs were added in Configuration Information section.
06-Dec-2021	Version 21	Changed	New Aruba Data Center Networking Solution for HPE section added to QuickSpecs.
07-Sep-2021	Version 20	Changed	Overview, Standard Features, and Configuration Information sections were updated.
07-Jun-2021	Version 19	Changed	Configuration Information section was updated.
08-Mar-2021	Version 18	Changed	SKUs added in Configuration Information.
07-Dec-2020	Version 17	Changed	Standard Features, Configuration Information and Technical Specifications sections were updated.
05-Oct-2020	Version 16	Changed	Configuration Information section was updated.
08-Sep-2020	Version 15	Changed	Configuration Information section was updated.
10-Aug-2020	Version 14	Changed	Standard Features and Configuration Information sections were updated.
06-Jul-2020	Version 13	Changed	Configuration Information section was updated.
06-Apr-2020	Version 12	Changed	Configuration Information was updated.
06-Jan-2020	Version 11	Changed	Configuration Information and Related Options sections were updated.
04-Nov-2019	Version 10	Changed	Overview and Standard Features sections were updated
19-Aug-2019	Version 9	Changed	Technical Specification section was updated.
01-Jul-2019	Version 8	Changed	BTO Transceivers SKUs were removed from Configuration Information. Section. SKU description updates.
17-Jun-2019	Version 7	Changed	Transceivers SKUs were removed in Related Options Section. SKU descriptions were updated.
06-May-2019	Version 6	Changed	Overview, Standard Features, Technical Specification and Accessories sections were updated Obsolete SKUs were removed SKU added: J8177D
18-Feb-2019	Version 5	Changed	Technical Specifications updated
04-Feb-2019	Version 4	Added	SKU added: J9151E
10-Dec-2018	Version 3	Changed	Overview and Technical Specifications were revised
05-Dec-2018	Version 2	Changed	Transceivers updated on the Accessories section
03-Dec-2018	Version 1	New	New QuickSpecs

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