Brocade 32Gb/20 4SFP+ Power Pack+ Fibre Channel SAN Switch Module for HPE Synergy (Q2E57A)



What's new

- New 32 Gbps Fibre Channel embedded high performance switch module for HPE Synergy Frame
- 12 downlink internal server ports, up to 8 uplink (SFP+) external ports, and 2 uplink (QSFP) external ports

Overview

Are you looking to improve the operational velocity of your workloads with next-generation high-performance Fibre Channel (FC) SAN infrastructure?

The Brocade 32Gb Fibre Channel SAN Switch Module for HPE Synergy represents a composable and integrated Fibre Channel interconnect module with Gen6 technology that simplifies integration of the HPE Synergy blade chassis into a Storage Area Network (SAN). It provides breakthrough application performance, operational stability, and simplified manageability to meet the stringent business requirements with 32 Gb FC technology for HPE's Composable Infrastructure. It is ideal for enterprises planning to deploy 32 Gb FC to meet growing bandwidth demands of applications utilizing all-flash storage arrays (AFA) and for customers looking to deploy scalable private cloud storage networks using HPE Synergy. It provides simplified manageability utilizing the Advanced Web Tools for fabric set-up and ongoing maintenance.

Features

Accelerate Performance and Service Delivery

Higher switching bandwidth of 896 Gbps to support high-density virtualization and demanding workloads

Increased maximum throughput of 512Gbps to support stringent service-level agreements (SLAs)

Better application performance with lower latency (<=900 ns) and error-free switching with Forward Error Correction (FEC)

Integrated Manageability

Utilizes Advanced Web Tools to simplify fabric set-up and ongoing maintenance for new SAN administrators

Integrates with HPE OneView and HPE Power Pack+ Software for monitoring, diagnostics, and analytics

Detect degraded storage IO performance with automatic IOPS monitoring and integrated device latency using IO Insight Software

Monitors VM performance seamlessly throughout a storage fabric with standards-based, end-to-end VM tagging

Operational Efficiency and Flexibility

Consolidated zero-footprint design to lower cost through shared power and cooling, fewer cables and SFPs, and reduced space

Available in 12-port and 8-port base Ports-on-Demand (PoD) scalability to support operating requirements

Both internal and external facing ports auto-sense lower bandwidth components for flexibility and investment protection (16 Gb or 32 Gb)

Technical specifications

Brocade 32Gb/20 4SFP+ Power Pack+ Fibre Channel SAN Switch Module for HPE Synergy

Product Number	Q2E57A
Protocol supported	Fibre Channel
Warranty	(3-3-3) Hardware Warranty - Three-year on-site warranty, normal business hours, next business day response, and installation not included.

For additional technical information, available models and options, please reference the QuickSpecs

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them here.

Explore **HPE GreenLake**

Make the right purchase decision. Contact our presales specialists.

Find a partner

Chat now (sales)

Call now

Buy now

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product

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