HP Z2 Small Form Factor G9 Workstation (BJ1V9UA)

Overview

Full size Z tower power at half the size

Get all the power of a full size tower at a fraction of the size. Re-engineered to fit full-height, full-length graphics while leaving room for upgrades and expansion, the Z2 SFF delivers high performance for your intensive workflow—from 3D design to real time ray tracing—now and in the future.

Full height, full length performance

Design, simulate and real time ray trace on a Z SFF -- FHFL pro graphics and Intel® Core™ processors.

ISV Certified

Work with confidence knowing your PC is certified with leading software applications to ensure peak performance.[3]

Configurable for today. Expandable for tomorrow.

Accelerate your current workflow with options across processor, graphics, memory, storage, and I/O ports.

Features

HP recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11 and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot.[4]

Intel® Core™ i9 processor

Get high-end performance for intensive tasks like rendering and video editing with the Intel® Core™ i9 processor.[5]

Graphics

Create 3D models with NVIDIA® T1000.

Smaller, Functional Design

The stunning new design features front and rear ledges, so you can easily move your system from location to location.

Tool-less Access

Evolve your work. Evolve your rig. With a tool-less sliding access cover, you can easily get into the the interior, and customize your Z to fit your needs.

Thermal Management

Innovatively designed to keep hardware components cool and quiet no matter how hard you push it. Have confidence to run your system at max load.

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[3] Third party software sold separately.

[4] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 11 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com. Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures.

[5] Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

Specifications

Operating system	Windows 11 Pro
Processor family	Intel® Core™ i9 14th generation processor
Processor	Intel® Core™ i9-14900 (up to 5.4 GHz Max Turbo frequency, 36 MB L3 cache, 24 cores, 32 threads)[6,7]
Chipset	Intel® W680
Memory	32 GB DDR5-4800 MT/s (2 x 16 GB)
Internal Storage	512 GB HP Z Turbo Drive PCIe® NVMe™ TLC M.2 SSD
Internal drive bays	One 2.5" HDD; One 3.5" HDD; Three M.2 NVME 2280 SSD
External drive bays	One 3.5" HDD; One slim ODD
Graphics	Discrete
Graphics (discrete)	NVIDIA® T1000 (8 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 770
Compatible displays	All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays *(Supports 8 displays, driving 8 displays requires the use of integrated and discrete graphics ports. Each source can drive a total of 4 displays. At least one of the integrated graphics ports need to drive two displays in a daisy chain configuration.)*
Audio	Realtek ALC3252
Dimensions (W x D x H)	38.4 x 30.8 x 10 cm *(Standard desktop orientation.)*
Dimensions (W x D x H)	15.1 x 12.1 x 3.95 in *(Standard desktop orientation.)*
Weight	Starting at 5.0 kg *(Exact weights depend upon configuration (System weight only))*
Weight	Starting at 11.1 lb *(Exact weights depend upon configuration (System weight only))*
Keyboard	HP USB 320K Keyboard
Pointing device	HP Wired 320M Mouse
Ports	1 SuperSpeed USB Type-C® 20Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack
Expansion slots	1 half-height PCIe 4 x16; 1 half-height PCIe 3 x4; 1 half-height PCIe 3 x4 (x16 connector); 1 half-height PCIe 3 x1; 1 full-height PCIe 4 x16; 1 full-height PCIe 4 x16 (x16 connector)[29] *(1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage)*
Ports	3 USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4; 1 RJ-45; 1 audio-in; 1 audio-out; 1 HP Fiber NIC Port Flex IO; 3 USB Type-A 480Mbps signaling rate

Package dimensions (W x D x H)	10 x 38.4 x 30.8 cm
Package weight	Starting at 5.9 kg
Wireless	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, non-vPro®
Power	450 W 90% efficient, wide-ranging, active PFC[10]
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Management features	HP Client Catalog (download); HP Cloud Recovery; HP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Image Assistant (download); HP Client Management Script Library (download)[18]
Sustainable impact specifications	80 Plus® Gold power supplies available; 25% ITE-derived closed loop plastic; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Ocean-bound plastic in speaker enclosure and system fan; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speaker
Security management	HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Tamper Lock; HP Sure Sense Gen2; HP Sure Run Gen5[19,20,21,22,23,24,25,26,31]
Software included	HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Desktop Support Utilities; HP Image Assistant; HP Manageability Integration Kit; HP Notifications; Performance Advisor 3.0; HP Data Science Stack Manager; myHP[16,17]
UPC number	199251144158

Additional specifications

Additional information about HP in the countries	hp.com
Bluetooth version	Bluetooth® 5.4
Datasheet photo 1	AHID/a35f5d1a5ee413646baad604338bec7b97f9bff7
Datasheet photo 3	AHID/a6337fe3e1e8e6c98e72cb2ac7bdaabf1e303f01
Datasheet photo 4	AHID/fd672e26bc997dc429066618067dc5c057f7944b
Datasheet photo 5	AHID/a846d314609196a0c346fcf51757820876bfa567
ECC memory	non-ECC
End of Life CO2e (kg)	2
Energy Usage CO2e (kg)	306
Graphic card footnote number	[30]
Graphics card brand	NVIDIA®
Graphics card memory size	8
Graphics card memory size uom	GB
Graphics card memory type	GDDR6
I/O Port location	Front
I/O Port location	Rear
Keyboard interface	USB
Memory and storage	32 GB memory;512 GB SSD storage
Memory layout (slots & size)	2 x 16 GB
Memory module type	UDIMM
Memory size	32
Memory size uom	GB
Memory speed	4800
Memory speed uom	MT/s
Memory type	DDR5
Model Number	T1000
Number of memory slots	2
Package dimensions (W x D x H)	3.95 x 15.1 x 12.1 in
Package weight	Starting at 13.1 lb
Playbook TS icon OS	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png

Playbook TS icon dimensions tower	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201997.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	Intel®
Processor cache	36 MB L3
Processor core	24
Processor family	Core™ i9
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	14th Generation
Processor maximum frequency	5.4
Processor maximum frequency uom	GHz
Processor model	14900
Processor threads	32
Product long name specifications	HP Z2 Small Form Factor G9 Workstation, Windows 11 Pro, Intel® Core™ i9, 32GB RAM, 512GB SSD, T1000
Product short name specifications	HP Z2 Small Form Factor G9 Workstation, Intel® Core™ i9, 32GB RAM, 512GB SSD
Production CO2e (kg)	209
Software included	WPS Office
Software included	HP UWP Pack
Software included	HP Documentation
Software included	Touchpoint Customizer for Commercial
Standard memory note	Transfer rates up to 4800 MT/s.
Storage brand 01	HP Z Turbo Drive
Storage capacity	512
Storage capacity uom 01	GB
Storage controller	Integrated SATA (4 ports 6 Gb/s) with integrated RAID 0, 1, for PCIe SSDs supported. Requires identical hard drives (speeds, capacity, interface).
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™

Storage memory technology 01	TLC
Storage type	SSD
Storage type 01	SSD
Total CO2e (kg)	520 (A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)
Transportation CO2e (kg)	2
UNSPSC code	43211515
Wireless Model	BE200
Wireless antenna	2x2
Wireless standard	Wi-Fi 7
Wireless supplier	Intel®
vPro enabled	non-vPro®

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

[10] Specific chassis required for 550 W 92% efficient, wide-ranging, active PFC power supply.

[16] HP Performance Advisor Software - HP Performance Advisor is ready and waiting to help you get the most out of your HP Workstation from day one—and every day after. Learn more or download at: https://www8.hp.com/us/en/workstations/performance-advisor.html

[17] HP Support Assistant requires Windows and Internet access.

[18] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html

[19] HP Client Security Manager Gen7 requires Windows and is available on the select HP PCs.

[20] HP BIOSphere Gen6 features may vary depending on the platform and configurations.

[21] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[22] HP Sure Start Gen7 is available on select HP PCs and workstations. See product specifications for availability.

[23] HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.

[24] HP Sure Recover Gen4 is available on select HP PCs and requires an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[25] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[26] HP Sure Sense requires Windows 11 Pro or Enterprise and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[29] When slot 2 is configured with a PCIe card, slot 1 will automatically downgrade to PCIe x8 electrical.

[31] HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

Services

HP Care Pack Services

★ : Recommended

Personal Systems Hardware Support Onsite Service

HP 4 year Next Business Day Response Onsite Workstation Hardware Support	**U1G37E** ★
HP 1y Post Warranty w/Onsite Low End Workstation Supp	U1G24PE
HP 1y Post Warranty w/Onsite/DMR Low End Workstation Supp	U1G23PE
HP 3 year Next Business Day Onsite Optional CSR Workstations HardwareSupport	U1G59E
HP 3 year Next Business Day Response Onsite w/Defective Media Retention WS HW Supp	U1G55E
HP 3y Next Business Day Onsite DMR WS Solution Supp	U53ZKE
HP 4 year Next Business Day Response Onsite w/Defective Media Retention WS HW Supp	U1G56E
HP 4y Next Business Day Onsite DMR WS Solution Supp	U53ZLE
HP 4y Next Business Day Onsite WS Solution Supp	U53ZHE
HP 5 year Next Business Day Response Onsite Workstation Hardware Support	U1G39E
HP 5 year Next Business Day Response Onsite w/Defective Media Retention WS HW Supp	U1G57E
HP 5y Next Business Day Onsite DMR WS Solution Supp	U53ZME
HP 5y Next Business Day Onsite WS Solution Supp	U53ZJE

Personal Systems Commercial Care Pack Services

HP 3y Onsite w/Predictive Detection Alerts/Preferred Access Desktop	**UJ0U1E** ★
HP 3y Onsite w/Predictive Detection Alerts/Preferred Access/DMR Desktop	UJ0U4E
HP 3y Onsite w/Predictive Detection Alerts/Preferred Access/DMR/Peripherals Desktop	UJ0V0E
HP 3y Onsite w/Predictive Detection Alerts/Preferred Access/Peripherals Desktop	UJ0U7E
HP 4y Onsite w/Predictive Detection Alerts/Preferred Access Desktop	UJ0U2E
HP 4y Onsite w/Predictive Detection Alerts/Preferred Access/DMR Desktop	UJ0U5E
HP 4y Onsite w/Predictive Detection Alerts/Preferred Access/DMR/Peripherals Desktop	UJ0V1E
HP 4y Onsite w/Predictive Detection Alerts/Preferred Access/Peripherals Desktop	UJ0U8E
HP 5y Onsite w/Predictive Detection Alerts/Preferred Access Desktop	UJ0U3E
HP 5y Onsite w/Predictive Detection Alerts/Preferred Access/DMR Desktop	UJ0U6E

HP 5y Onsite w/Predictive Detection Alerts/Preferred Access/DMR/Peripherals Desktop	UJ0V2E
HP 5y Onsite w/Predictive Detection Alerts/Preferred Access/Peripherals Desktop	UJ0U9E

Workforce Computing

Support Services (Workforce Computing)

HP 3 year Active Care Next Business Day Response Onsite Workstation Hardware Support	**U22K9E ★**
HP 1 year Priority Access Plus Service for PCs (1000+ seats)	U80M9E
HP 1 year Priority Access Service for PCs (250+ seats)	U80M5E
HP 2yr Priority Access PC 250+ seats SVC	U80LYE
HP 2yr PriorityAccessPlus PC 1K+ seats SVC	U80LZE
HP 3 year Active Care Next Business Day Resp Onsite w/Defective Media Retention WS HW Supp	U22KDE
HP 3 year Priority Access Plus Service for PCs (1000+ seats)	U80MBE
HP 3 year Recover - Restore Onsite SW Supp	U80LQE
HP 3 year Recover Hard Disk Data SW Supp	U80LNE
HP 3 years Priority Access Service for PCs (250+ seats)	U80M6E
HP 3y Active Care Next Business Day Onsite DMR WS Solution Supp	U53ZDE
HP 3y Active Care Next Business Day Onsite WS Solution Supp	U53Z9E
HP 3y Out of Band Remediation Service	U95X1E
HP 4 year Active Care Next Business Day Resp Onsite w/Defective Media Retention WS HW Supp	U22KFE
HP 4 year Active Care Next Business Day Response Onsite Workstation Hardware Support	U22KBE
HP 4 year Priority Access Plus Service for PCs (1000+ seats)	U80MCE
HP 4 year Priority Access Service for PCs (250+ seats)	U80M1E
HP 4y Active Care Next Business Day Onsite DMR WS Solution Supp	U53ZFE
HP 4y Active Care Next Business Day Onsite WS Solution Supp	U53ZBE
HP 4y Out of Band Remediation Service	U95X2E
HP 5 year Active Care Next Business Day Resp Onsite w/Defective Media Retention WS HW Supp	U22KGE
HP 5 year Active Care Next Business Day Response Onsite Workstation Hardware Support	U22KCE
HP 5 year Priority Access Plus Service for PCs (1000+ seats)	U80MDE
HP 5 year Priority Access Service for PCs (250+ seats)	U80M2E
HP 5y Active Care Next Business Day Onsite DMR WS Solution Supp	U53ZGE
HP 5y Active Care Next Business Day Onsite WS Solution Supp	U53ZCE

HP 5y Out of Band Remediation Service	U95X3E
HP Recover Hard Disk Data Svc Legacy	UE372E

Certified Refurbished Services (Workforce Computing)

HP Carbon Neutral Computing Services - To the Door Service for Workstations.	U53DFE
HP Carbon Neutral Computing Services - To the Door with Usage Service for Workstations	U53DGE

Accessories for PC

Mice/Pens/Other Pointing Devices

★ : Recommended

Wireless Mice

HP 715 Rechargeable Multi-Device Bluetooth Mouse	6E6F0AA ★

Port Replicators/Dongles/Docking

Cables/Cable Adapters/Dongles

HP DisplayPort To VGA Adapter	AS615AA ★
HP DisplayPort To VGA Adapter	F7W97AA
HP DisplayPort to DVI-D Adapter	FH973AA
HP DisplayPort to HDMI True 4K Adapter	2JA63AA
HP Single miniDP-to-DP Adapter Cable	2MY05AA
HP USB-C to DisplayPort Adapter	4SH08AA
HP USB-C to HDMI Adapter	4SH07AA
HP USB-C to VGA Adapter	4SH06AA
HP Z2 Power Cord Kit 1N1D5AA	1N1D5AA
HP Z2 SFF HDD Cable Kit	6Z9U5AA

Components/Upgrades

Storage

HP ZTurbo 2TB PCIe-Gen 4x4 TLC Z2 SSDKit	201F8AA ★
12TB 7200 RPM SATA-6G 3.5in Enterprise HDD	5S461AA
1TB 2280 PCIe-4x4 NVMe Value M.2 Z2 SSD Module	4M9Z3AA
256GB 2280 PCIe-4x4 NVMe Value M.2 Z2 SSD Module	4M9Z1AA
2TB 7200RPM SATA 3.5in Enterprise	2Z274AA
4TB 7200 RPM SATA 3.5in Enterprise HDD	K4T76AA
512GB 2280 PCIe-4x4 NVMe Value M.2 Z2 SSD Module	4M9Z2AA
8TB 7200RPM SATA 3.5in Enterprise	2Z273AA
HP 1TB Enterprise SATA 7200 HDD	W0R10AA
HP 500GB SATA 6Gb/s 7200 Hard Drive	LQ036AA
HP CRU Secure High Performance Storage M.2 1TB Storage Module	56Q88AA
HP CRU Secure High Performance Storage M.2 2TB Storage Module	56Q87AA
HP CRU Secure High Performance Storage M.2 512GB Storage Module	56Q89AA

HP Z Turbo Drive 1TB 2280 PCIe-4x4 SED OPAL2 TLC Z2 Kit SSD	223A3AA
HP Z Turbo Drive 2TB 2280 PCIe-4x4 SED OPAL2 TLC Z2 Kit SSD	223A4AA
HP Z2 SFF DVD-ROM 9.5mm Slim ODD	4L5J8AA
HP Z2 SFF SuperMulti DVD-Writer 9.5mm Slim ODD	4L5J9AA
HP ZTurbo 1TB PCIe-Gen 4x4 TLC Z2 SSDKit	201F5AA
HP ZTurbo 512GB PCIe-Gen 4x4 SED Z2 SSDKit	201F9AA
HP ZTurbo 512GB PCIe-Gen 4x4 TLC Z2 SSDKit	201G0AA
Z Turbo 1TB PCIe-4x4 TLC SSD Module	38T77AA
Z Turbo 2TB 2280 PCIe-4x4 SED OPAL2 TLC M.2 SSD Module	38T79AA
Z Turbo 2TB PCIe-4x4 TLC SSD Module	38T75AA
Z Turbo 4TB 2280 PCIe-4x4 SED OPAL2 TLC M.2 Z2 Kit SSD	5S498AA
Z Turbo 4TB 2280 PCIe-4x4 TLC M.2 SSD Module	5S496AA
Z Turbo 4TB 2280 PCIe-4x4 TLC M.2 Z2 Kit SSD	5S492AA

Internal ports/Modules/Controllers

NVIDIA Mellanox ConnectX-6 DX Dual Port 10/25GbE SFP28 NIC	**436M8AA ★**
Allied Telesis AT-2911T/2-901 Dual Port 1GbE NIC	6E3Y9AA
HP 10GbE SFP+ SR/SW LC Fiber Optic Transceiver	860T8AA
HP 1GbE LAN Flex Port 2020	141J6AA
HP 25GbE SFP28 LC Fiber Optic Transceiver	860T9AA
HP DP Flex Port 2020 141J7AA	141J7AA
HP Flex 1GbE Fiber LC Single Port 20J15AA	20J15AA
HP HDMI Flex Port	69D47AA
HP Parallel PCIe x1 Card	N1M40AA
HP USB-C 3.2 Gen2 Alt Flex Port 2020	141K6AA
HP Z2 2nd serial port adapter 141K8AA	141K8AA
HP Z2 Internal Serial Port and PS/2 Port 141K9AA	141K9AA
Intel Ethernet I350-T4 4-Port 1Gb NIC	W8X25AA
Intel I225V Single Port 2.5GbE PCIe NIC	406L9AA
Intel X550 10GBASE-T Dual Port NIC	1QL46AA

Graphics

AMD Radeon Pro W7500 8 GB 4DP Graphics	8D6C2AA
AMD Radeon Pro W7600 8 GB 4DP Graphics	8D6B9AA
AMD Radeon RX 6400 4 GB DH DP+HDMI Graphics	6Q3U4AA
NVIDIA RTX 2000 Ada 16 GB 4mDP Graphics	8D6B8AA

NVIDIA RTX 4000 Ada 20 GB 4DP Graphics	8D6B7AA	
NVIDIA RTX A1000 8 GB with Mini Bracket 4mDP Graphics	AV8J4AA	
NVIDIA RTX A2000 12 GB 4mDP Graphics	5Z7D9AA	
NVIDIA RTX A400 4 GB with Mini Bracket 4mDP Graphics	AV8J3AA	
NVIDIA RTX A4000 16 GB 4DP Graphics	20X24AA	
NVIDIA RTX A4000E 16 GB 4DP Graphics	6H7J7AA	obsolete
NVIDIA T1000 4 GB 4mDP w/2 mDP-to-DP Adapters Graphics	20X22AA	obsolete
NVIDIA T1000 8 GB 4mDP Graphics	5Z7D8AA	obsolete
NVIDIA T1000E 8 GB 4mDP Graphics	6V9V4AA	
NVIDIA T400 4 GB 3mDP Graphics	5Z7E0AA	obsolete
NVIDIA T400E 4 GB 4mDP Graphics	A4HP3AA	

Memory

HP 16GB DDR5 (1x16GB) 4800 UDIMM ECC Memory	4M9Y1AA
HP 16GB DDR5 (1x16GB) 4800 UDIMM NECC Memory	4M9Y0AA
HP 32GB DDR5 (1x32GB) 4800 UDIMM ECC Memory	4M9Y3AA
HP 32GB DDR5 (1x32GB) 4800 UDIMM NECC Memory	4M9Y2AA
HP 48GB DDR5 (1x48GB) 5600 UDIMM NECC Memory	8F070AA
HP 8GB DDR5 (1x8GB) 4800 UDIMM NECC Memory	4M9X9AA

Chassis/Rails

HP CRU QX328 3.5 in Front Removable Frame/Carrier	4N012AA

Power

Power Others

C13-C14 2.0m 15A 100-127V Countries Straight Rack Power Cord	8R881AA

Keyboards/Other Input Devices

Wired Keyboards

HP 320K Wired Keyboard	9SR37UT
HP Business Slim Smartcard Keyboard	Z9H48AA

Wireless Keyboards

HP 455 Programmable USB Wireless Keyboard (Bulk Qty.12)	4R177A6

Wireless Combo

| HP 655 Wireless Keyboard and Mouse Combo | 4R009UT |
| HP 655 Wireless Keyboard and Mouse Combo (BlkQty.10) | 4R009A6 |

Security

Security Cables

| HP Business PC Security Lock V3 Kit | 3XJ17AA |
| HP Keyed Cable Lock | T1A62AA |

Security Others

HP Integrated Remote System Controller	7K6D9AA
HP Remote System Controller	7K6D7AA
HP Remote System Controller Main Board Adapter	7K6D8AA

Hybrid Work Solutions

Audio

Speakerphones

Poly Sync 10 USB-A USB-C Speakerphone	**772C3AA ★**
Poly Sync 10 Speakerphone +USB-A to USB-C Cable	7S4M6AA
Poly Sync 20 USB-C Speakerphone	7F0J7AA
Poly Sync 20+ Microsoft Teams Certified USB-A Speakerphone	772C9AA
Poly Sync 20+ Microsoft Teams Certified USB-C Speakerphone	772D1AA
Poly Sync 20+ USB-A Speakerphone	772C6AA
Poly Sync 20+ USB-C Speakerphone	772D0AA
Poly Sync 20+M Speakerphone +USB-A to USB-C Cable +BT700 dongle +Pouch	7Y215AA
Poly Sync 20-M Microsoft Teams Certified USB-C Speakerphone	7F0J8AA
Poly Sync 20-M Speakerphone +USB-A to USB-C Cable	7S4M1AA
Poly Sync 40+ Microsoft Teams Certified USB-A USB-C Speakerphone +BT700 USB-A Adapter	77P36AA
Poly Sync 40+ USB-A USB-C Speakerphone +BT700 USB-A Adapter	772C5AA
Poly Sync 60 Microsoft Teams Certified Speakerphone	77P41AA
Poly Sync 60 Speakerphone	772C2AA

Wireless Headset

Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	**9T9J3AA ★**
Poly CS510 XD Extra Density Headset TAA	7E2J8AA
Poly CS520 XD Extra Density Headset TAA	7E2J9AA
Poly CS540 XD Extra Density Convertible Headset TAA	7E2J7AA
Poly CS540A Convertible Headset +AP11 Kit	7K2E5AA
Poly CS545 XD Extra Density Headset TAA	7E2K0AA
Poly Savi 7210 Office DECT 1920-1930 MHz Single Ear Headset	7W6D4AA
Poly Savi 7220 Office Binaural DECT 1920-1930 MHz Headset	7W6D5AA
Poly Savi 7310 Office Monaural DECT 1920-1930 MHz Headset	7S430AA
Poly Savi 7310-M Office DECT 1920-1930 MHz Single Ear Headset	7S439AA
Poly Savi 7320 Office Stereo DECT 1920-1930 MHz Headset	7S429AA
Poly Savi 7320-M Office Stereo DECT 1920-1930 MHz Headset	7S435AA
Poly Savi 8210 Office DECT 1920-1930 MHz Single Ear Headset	7S445AA
Poly Savi 8210 UC DECT 1920-1930 MHz USB-A Headset	77T29AA

Poly Savi 8210 UC Microsoft Teams Certified DECT 1920-1930 MHz USB-A Headset	77T31AA	
Poly Savi 8210-M Office DECT 1920-1930 MHz Single Ear Headset TAA	7S447AA	
Poly Savi 8220 Office Stereo DECT 1920-1930 MHz Headset TAA	7S4B5AA	
Poly Savi 8220 UC DECT 1920-1930 MHz USB-A Headset	77T33AA	
Poly Savi 8220 UC Microsoft Teams Certified DECT 1920-1930 MHz USB-A Headset	77Y82AA	
Poly Savi 8220-M Office Stereo DECT 1920-1930 MHz Headset TAA	7S4B6AA	
Poly Savi 8245 DECT 1920-1930 MHz Headset +USB-A to USB-C Cable +D400 TAA	7W6B6AA	
Poly Savi 8245 Microsoft Teams Certified DECT 1920-1930 MHz USB-A Headset +D400 TAA	77T36AA	
Poly Voyager 4245 USB-A Headset	7D7K0AA	obsolete
Poly Voyager 4245-M Office Headset +USB-A to Micro USB Cable	7S3Y5AA	obsolete
Poly Voyager 4310 Microsoft Teams Certified USB-A Headset +BT700 dongle	77Y91AA	
Poly Voyager 4310 Microsoft Teams Certified USB-C Headset +BT700 dongle	77Y95AA	
Poly Voyager 4310 USB-A Headset +BT700 dongle	76U48AA	
Poly Voyager 4310 USB-C Headset +BT700 dongle	77Y94AA	
Poly Voyager 4310 USB-C Headset +BT700 dongle +Charging Stand	77Y96AA	
Poly Voyager 4310-M Microsoft Teams Certified USB-C Headset +BT700 dongle +Charging Stand	77Y97AA	
Poly Voyager 4310-M UC Headset +USB-A to USB-C Cable +BT700 dongle	7Y210AA	
Poly Voyager 4320 Microsoft Teams Certified USB-A Headset +BT700 dongle	77Y98AA	
Poly Voyager 4320 Microsoft Teams Certified USB-C Headset +BT700 dongle	77Z30AA	
Poly Voyager 4320 USB-A Headset +BT700 dongle	76U49AA	
Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA	
Poly Voyager 4320 USB-C Headset +BT700 dongle +Charging Stand	77Z31AA	
Poly Voyager 4320-M +USB-A to USB-C Cable +BT700 dongle	7Y211AA	
Poly Voyager 4320-M Microsoft Teams Certified Headset +BT700 dongle +Charging Stand	77Z32AA	
Poly Voyager 5200 Headset +USB-A to Micro USB Cable	7S431AA	obsolete
Poly Voyager 5200 Office Headset +USB-C to Micro USB Cable TAA	7S3Y1AA	
Poly Voyager 5200 UC USB-A Headset +BT600 Dongle TAA	7K2E1AA	
Poly Voyager 5200 USB-A Bluetooth Headset +BT700 dongle	7K2F3AA	
Poly Voyager 5200 USB-A Office Headset TAA	7D793AA	
Poly Voyager 5200-M Office Headset +USB-A to Micro USB Cable TAA	7W6D3AA	
Poly Voyager 5200-M Office Headset +USB-C to Micro USB Cable TAA	7S3Y4AA	
Poly Voyager Focus 2 Microsoft Teams Certified USB-A Headset	77Y85AA	

Poly Voyager Focus 2 Microsoft Teams Certified USB-C Headset	77Y88AA
Poly Voyager Focus 2 USB-A Headset	76U46AA
Poly Voyager Focus 2 USB-C Headset	76U47AA
Poly Voyager Focus 2 USB-C with charge stand Headset	77Y89AA
Poly Voyager Focus 2-M Microsoft Teams Certified with charge stand Headset	77Y90AA
Poly Voyager Legend +Integrated Charge Cable	7W6C7AA
Poly Voyager Legend Headset +Integrated Charge Cable +Pin Adapter	7W6B8AA
Poly Voyager Legend Headset +USB-A to Micro USB Cable +Charging Stand with no Wall Plug	7W6B7AA
Poly Voyager Surround 80 UC Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8G7U0AA
Poly Voyager Surround 80 UC Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8H2G3AA
Poly Voyager Surround 80 UC USB-C Headset +USB-C/A Adapter	8G7T9AA
Poly Voyager Surround 85 UC Microsoft Teams Certified USB-C Headset +USB-C/A Adapter +Charging Stand	8G7T8AA
Poly Voyager Surround 85 UC USB-C Headset +USB-C/A Adapter +Charging Stand	8G7T7AA

Wired Headset

Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	**8X223AA ★**
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	**8X231AA ★**
Poly Blackwire 3210 Monaural USB-A Headset	80S01AA
Poly Blackwire 3210 Monaural USB-A Headset (Bulk)	80S01A6
Poly Blackwire 3210 Monaural USB-C Black Headset +USB-C/A Adapter (Bulk)	8X2J8A6
Poly Blackwire 3210 Monaural USB-C Headset	80S09AA
Poly Blackwire 3210 Monaural USB-C Headset (Bulk)	80S09A6
Poly Blackwire 3210 Monaural USB-C Headset +USB-C/A Adapter	8X214AA
Poly Blackwire 3210 Monaural USB-C Headset +USB-C/A Adapter (Bulk)	8X214A6
Poly Blackwire 3215 Monaural USB-A Headset (Bulk)	80S06A6
Poly Blackwire 3215 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X227AA
Poly Blackwire 3215 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter (Bulk)	8X227A6
Poly Blackwire 3220 Stereo USB-A Headset	80S02AA
Poly Blackwire 3220 Stereo USB-A Headset (Bulk)	80S02A6
Poly Blackwire 3220 Stereo USB-C Black Headset +USB-C/A Adapter (Bulk)	8X2J9A6
Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	8X228AA
Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	93S87AA

Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter (Bulk)	8X228A6
Poly Blackwire 3225 Stereo USB-A Headset (Bulk)	80S11A6
Poly Blackwire 3225 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X229AA
Poly Blackwire 3225 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter (Bulk)	8X229A6
Poly Blackwire 3310 Microsoft Teams Certified Headset +USB-C/A Adapter TAA	760Q7AA
Poly Blackwire 3310 Microsoft Teams Certified USB-A Headset	767F6AA
Poly Blackwire 3310 Monaural Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8X216AA
Poly Blackwire 3310 Monaural USB-C Headset +USB-C/A Adapter	8X215AA
Poly Blackwire 3310 USB-A Headset	767F7AA
Poly Blackwire 3310 USB-C Headset	767F8AA
Poly Blackwire 3315 Microsoft Teams Certified USB-A Headset	76J13AA
Poly Blackwire 3315 Microsoft Teams Certified USB-C Headset	76J15AA
Poly Blackwire 3315 Monaural Microsoft Teams Certified USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X218AA
Poly Blackwire 3315 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X217AA
Poly Blackwire 3315 USB-A Headset	76J12AA
Poly Blackwire 3315 USB-C Headset	76J14AA
Poly Blackwire 3320 Microsoft Teams Certified USB-C Headset	76J19AA
Poly Blackwire 3320 Stereo Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8X220AA
Poly Blackwire 3320 Stereo USB-C Headset +USB-C/A Adapter	8X219AA
Poly Blackwire 3325 Microsoft Teams Certified USB-A Headset	76J21AA
Poly Blackwire 3325 Microsoft Teams Certified USB-C Headset	76J23AA
Poly Blackwire 3325 Stereo Microsoft Teams Certified USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X222AA
Poly Blackwire 3325 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X221AA
Poly Blackwire 3325 USB-A Headset	76J20AA
Poly Blackwire 3325 USB-C Headset	76J22AA
Poly Blackwire 5210 Monaural USB-A Headset	80R98AA
Poly Blackwire 5210 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X230AA
Poly Blackwire 5210 Monaural USB-C Headset +3.5mm Plug +USB-C/A Adapter (Bulk)	8X230A6
Poly Blackwire 5220 Stereo USB-A Headset	80R97AA
Poly Blackwire 5220 Stereo USB-A Headset (Bulk)	80R97A6
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	93S88AA

Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter (Bulk)	8X231A6
Poly Blackwire 8225 Microsoft Teams Certified USB-C Headset	772K5AA
Poly Blackwire 8225 Stereo Microsoft Teams Certified USB-C Headset +USB-C/A Adapter	8X225AA
Poly Blackwire 8225 USB-C Headset	772K4AA
Poly Blackwire C3210 USB-A Black Headset (Bulk)	77R24A6
Poly Blackwire C3215 Monaural Headset +Carry Case	80S05AA
Poly Blackwire C3220 Stereo USB-C Headset	80S07AA
Poly Blackwire C3220 USB-A Black Headset (Bulk)	77R32A6
Poly Blackwire C3220 USB-C Headset (Bulk)	80S07A6
Poly Blackwire C3225 Stereo USB-C Headset	80S04AA
Poly Blackwire C3225 Stereo USB-C Headset (Bulk)	80S04A6
Poly Blackwire C3225 Top	7S4M7AA
Poly Blackwire C5210 USB-C Headset +Inline Cable (Bulk)	805H4A6
Poly Blackwire C5220 USB-C Headset +Inline Cable	805H3AA
Poly Blackwire C5220 USB-C Headset +Inline Cable (Bulk)	805H3A6
Poly EncorePro 310 Monaural USB-A Headset TAA	767G1AA
Poly EncorePro 310 Monoaural with Quick Disconnect Headset TAA	77T43AA
Poly EncorePro 310 USB-C Monoaural Headset TAA	760Q8AA
Poly EncorePro 320 Stereo USB-A Headset TAA	767G0AA
Poly EncorePro 320 Stereo USB-C Headset TAA	767F9AA
Poly EncorePro 320 with Quick Disconnect Binaural Headset TAA	77T26AA
Poly EncorePro 510 Monaural Headset +Quick Disconnect	783Q2AA
Poly EncorePro 510 with Quick Disconnect Monoaural Headset TAA	783Q1AA
Poly EncorePro 510V Monaural Headset VoiceTube +Quick Disconnect	783Q4AA
Poly EncorePro 510V Voice Tube Microphone with Quick Disconnect Monoaural Headset TAA	783Q3AA
Poly EncorePro 515 Microsoft Teams Certified Monoaural with USB-A Headset	783R1AA
Poly EncorePro 515 Monoaural with USB-A Headset	783R0AA
Poly EncorePro 520 Binaural Headset +Quick Disconnect	783P7AA
Poly EncorePro 520 with Quick Disconnect Binaural Headset TAA	783P6AA
Poly EncorePro 520D with Quick Disconnect Binaural Digital Headset TAA	783P5AA
Poly EncorePro 520V Binaural Headset VoiceTube +Quick Disconnect	783P9AA
Poly EncorePro 520V Voice Tube Microphone with Quick Disconnect Binaural Headset TAA	783P8AA
Poly EncorePro 525 Microsoft Teams Certified Stereo with USB-A Headset	783R2AA

Poly EncorePro 525 USB-A Stereo Headset	783R3AA
Poly EncorePro 530 Headset +Quick Disconnect	783P3AA
Poly EncorePro 530 with Quick Disconnect Discreet Headset TAA	783P2AA
Poly EncorePro 540 Convertible Headset +Quick Disconnect	783P1AA
Poly EncorePro 540 with Quick Disconnect Convertible Headset TAA	783P0AA
Poly EncorePro 540D with Quick Disconnect Convertible Digital Headset TAA	783N7AA
Poly EncorePro 545 USB-A Convertible Headset	783R4AA
Poly EncorePro 710D with Quick Disconnect Monoaural Digital Headset TAA	783N6AA
Poly EncorePro 715 USB-A Monoaural Headset TAA	783N5AA
Poly EncorePro 720D with Quick Disconnect Binaural Digital Headset TAA	783N4AA
Poly EncorePro 725 USB-A Stereo Headset TAA	783M6AA
Poly EncorePro HW710 Single Ear Headset +Carry Case +Quick Disconnect TAA	805H7AA
Poly EncorePro HW720 Binaural Headset +Carry Case TAA	805H6AA
Poly H251 Supraplus Speakerphone +Pouch TAA	7S442AA
Poly H251N Supraplus Monaural Headset +Pouch TAA	7S443AA
Poly H261N Supraplus Binaural Headset +Pouch TAA	7S444AA
Poly HW261N Supraplus Binaural Dual Headset +Pouch TAA	7W074AA

Audio Accessories

Poly BT700 USB-A Bluetooth Adapter	786C4AA
Poly BT700 USB-C Bluetooth Adapter	786C5AA
Poly DA75 USB to QD Black Adapter TAA	786C6AA
Poly DA85 USB to QD Black Adapter TAA	786C7AA
Poly DA85-M USB to QD Black Adapter TAA	786C8AA
Poly Savi 7210 Monaural DECT 1920-1930 MHz Top	783Q5AA
Poly Savi 7220 Stereo DECT 1920-1930 MHz Top	783Q6AA
Poly Savi 7310 Monaural DECT 1920-1930 MHz Top	783N0AA
Poly Savi 7310 Monaural Microsoft Teams Certified DECT 1920-1930 MHz Top	783N2AA
Poly Savi 7320 Stereo DECT 1920-1930 MHz Top	783N1AA
Poly Savi 7320 Stereo Microsoft Teams Certified DECT 1920-1930 MHz Top	783N3AA
Poly Savi 8210/8220 Charging Stand +AC Adapter	783M9AA
Poly Voyager Microsoft Teams Certified Office Base	786D0AA
Poly Voyager Office Base	786C9AA

Video

Video Accessories

Poly G7500 IP Table Microphone	874R3AA
Poly IP Ceiling Microphone Array	875S1AA
Poly Studio X50/X52/X70/USB Table Microphone	875M6AA
Poly Studio X50/X70/USB Expansion Microphone	875M8AA

Voice

Conference Phone Accessories

Poly Trio 8300/8800 Expansion Microphones	85X00AA
Poly Trio C60 Expansion Microphones	85X02AA

Monitors

HP Home Monitors

★ : Recommended

HP Value Displays

HP 27mq 27-inch Display	1F2J9AA

Business Monitors

E-Series

HP E27 G5 FHD Monitor	6N4E2AL

Series 3 Pro

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2A6
HP Series 3 Pro 21.5 inch FHD Monitor - 322ph	B0BN7UT
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AF
HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1A6
HP Series 3 Pro 23.8 inch FHD Monitor - 324pb	B22BDAA
HP Series 3 Pro 23.8 inch FHD Monitor - 324pe	B1GM5AA
HP Series 3 Pro 23.8 inch FHD Monitor - 324ph	B0BU9UT
HP Series 3 Pro 27 inch FHD Monitor - 327pe	B1GM6AA
HP Series 3 Pro 27 inch FHD Monitor - 327pf	B0CG3UT
HP Series 3 Pro 27 inch FHD Monitor - 327ph	B0CG8UT

Series 5 Pro

HP Series 5 23.8 inch FHD Monitor - 524da	B11W5AT
HP Series 5 27 inch FHD Monitor - 527da	B11W6AT
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6AL
HP Series 5 Pro 23.8 inch FHD Monitor (Made in VN) - 524pf	B46LQAA
HP Series 5 Pro 23.8 inch FHD No Stand Monitor - 524pf	9D9L6A9
HP Series 5 Pro 23.8 inch FHD No Stand Monitor - 524pf	9D9L6U9
HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm	9E0G9UT
HP Series 5 Pro 24 inch WUXGA Monitor (Made in VN) - 524pn	B41HLAA
HP Series 5 Pro 27 inch QHD Monitor (Made in VN) - 527pq	B3PB7AA
HP Series 5 Pro 27 inch QHD No Stand Monitor - 527pq	9D9S0A9
HP Series 5 Pro 27 inch QHD No Stand Monitor - 527pq	9D9S0U9

HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm	9E0Y9UT
HP Series 5 Pro 34 inch WQHD USB-C Conferencing Monitor - 534pm	9E0Z2UT

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OMEN 27 inch QHD 165Hz Gaming Monitor - OMEN 27qz	AK2B3AA

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