



HP Z2 Small Form Factor G9 Workstation (6H8Z9UT)

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

Intel® Core™ i7 processor

Run several CPU-heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor.^[3]

Security is your top priority

The HP Wolf Pro Security Edition provides preconfigured enterprise-level PC protection for small and medium sized businesses.

[3] Third party software sold separately.

[3] 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 10 Pro (available through downgrade rights from Windows 11 Pro) ^[1,2]
Processor family	12th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-12700 (up to 4.9 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads) ^[6,7]
Memory	32 GB DDR5-4800 MHz RAM (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	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 <i>(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.)</i>
Audio	Realtek ALC3252
Minimum dimensions (W x D x H)	38.4 x 30.8 x 10 cm <i>(Standard desktop orientation.)</i>
Minimum dimensions (W x D x H)	15.1 x 12.1 x 3.95 in <i>(Standard desktop orientation.)</i>
Weight	Starting at 5.0 kg <i>(Exact weights depend upon configuration (System weight only))</i>
Weight	Starting at 11.1 lb <i>(Exact weights depend upon configuration (System weight only))</i>
Keyboard	HP USB 320K Keyboard
Pointing device	HP Wired 320M Mouse
Ports	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) <i>(1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage)</i>
Ports	1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 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
Power	550 W 92% efficient, wide-ranging, active PFC ^[10]

Ecolabels	TCO Certified
Energy star certified	ENERGY STAR® certified
Management features	HP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download) ^[18]
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure; 45% post-consumer recycled plastic; 25% ITE-derived closed loop plastic; Bulk packaging available; 80 Plus® Gold power supplies available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure and system fan; Contains recycled metal
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 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; ZCentral Remote Boost; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0 ^[15,16,17]
UPC number	(ABA) 196548995455; (ABC) 196548995462

Additional specifications

ECC memory	non-ECC
Graphic card footnote number	[30]
Graphics	Discrete
Graphics (discrete)	NVIDIA RTX™ A4000 (16 GB GDDR6 dedicated)
Graphics card brand	NVIDIA®
Graphics card memory size	16
Graphics card memory size uom	GB
Graphics card memory type	GDDR6
I/O Port location	Rear
I/O Port location	Front
Keyboard interface	USB
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	32 GB memory; 512 GB SSD storage
Memory layout (slots & size)	2 x 16 GB
Memory module type	DIMM
Memory size	32
Memory size uom	GB
Memory speed	4800
Memory speed uom	MHz
Memory type	DDR5
Model Number	RTX™ A4000
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 base frequency	2.1
Processor cache	25 MB L3
Processor core	12
Processor family	Core™ i7
Processor frequency UOM	GHz
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	12th Generation
Processor maximum frequency	4.9
Processor maximum frequency uom	GHz
Processor model	12700
Processor threads	20
Product long name specifications	HP Z2 Small Form Factor G9 Workstation, Windows 10 Pro (available through downgrade rights from Windows 11 Pro), Intel® Core™ i7, 32GB RAM, 512GB SSD, RTX™ A4000
Product short name specifications	HP Z2 Small Form Factor G9 Workstation, Intel® Core™ i7, 32GB RAM, 512GB SSD
Security Software Licenses	HP Wolf Pro Security Edition (1 year)
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
UNSPSC code	43211515

[1] 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 is automatically updated and enabled. High speed internet and Microsoft account

required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

[2] This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

[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.

[15] HP ZCentral Remote Boost does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase. With non-Z sender devices, purchase of perpetual individual license or perpetual floating license per simultaneously executing versions and purchase of ZCentral Remote Boost Software Support is required. RGS requires Windows, RHEL (7 or 8), UBUNTU 18.04 LTS, or HP ThinPro 7 operating systems. MacOS (10.13 or newer) operating system is only supported on the receiver side. Requires network access. The software is available for download at hp.com/ZCentralRemoteBoost.

[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.

[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.

Monitors

Business Monitors

★ : Recommended

Z Displays

HP Z34c G3 WQHD Curved Display	30A19AA ★
HP Z27k G3 4K USB-C Display	1B9T0AA ★
HP Z24m G3 QHD Conferencing Display	4Q8N9AA ★
HP Z24f G3 FHD Display	3G828A7
HP Z24f G3 FHD Display	3G828AA
HP Z24f G3 FHD Display	3G828AT
HP Z24m G3 QHD Conferencing Display	4Q8N9A7
HP Z24m G3 QHD Conferencing Display	4Q8N9AT
HP Z24m G3 QHD Conferencing Display	4Q8N9E9
HP Z24n G3 WUXGA Display	1C4Z5A7
HP Z24n G3 WUXGA Display	1C4Z5AA
HP Z24n G3 WUXGA Display	1C4Z5AT
HP Z24q G3 QHD Display	4Q8N4A7
HP Z24q G3 QHD Display	4Q8N4AA
HP Z24q G3 QHD Display	4Q8N4AT
HP Z24q G3 QHD Display	4Q8N4E9
HP Z24u G3 WUXGA USB-C Display	1C4Z6A7
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
HP Z24u G3 WUXGA USB-C Display	1C4Z6AT
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9A7
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AT
HP Z27k G3 4K USB-C Display	1B9T0A7
HP Z27k G3 4K USB-C Display	1B9T0AT
HP Z27q G3 QHD Display	1C4Z7A7
HP Z27q G3 QHD Display	1C4Z7AA
HP Z27q G3 QHD Display	1C4Z7AT
HP Z27u G3 QHD Display	1B9X2A7
HP Z27u G3 QHD Display	1B9X2AA
HP Z27u G3 QHD Display	1B9X2AT

HP Z27xs G3 4K USB-C DreamColor Display	1A9M8A7
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AT
HP Z32 31.5-inch 4K UHD Display	1AA81A4
HP Z32 31.5-inch 4K UHD Display	1AA81A8
HP Z34c G3 WQHD Curved Display	30A19A7
HP Z34c G3 WQHD Curved Display	30A19AT
HP Z34c G3 WQHD Curved Display	30A19E9
HP Z40c G3 WUHD Curved Display	3A6F7AA
HP Z40c G3 WUHD Curved Display	3A6F7AT
HP Z40c G3 WUHD Curved Display	3A6F7E9
HP Z43 42.5-inch 4K UHD Display	1AA85A4
HP Z43 42.5-inch 4K UHD Display	1AA85A8

E-Series

HP E22 G4 FHD Monitor	9VH72AA
HP E22 G4 FHD Monitor	9VH72AS
HP E22 G4 FHD Monitor	9VH72AT
HP E23 G4 FHD Monitor	9VF96A7
HP E23 G4 FHD Monitor	9VF96A8
HP E23 G4 FHD Monitor	9VF96AA
HP E23 G4 FHD Monitor	9VF96AS
HP E23 G4 FHD Monitor	9VF96AT
HP E23 G4 Without Video Cable FHD Monitor	9VF96A3
HP E24 G4 FHD Monitor	9VF99A7
HP E24 G4 FHD Monitor	9VF99AA
HP E24 G4 FHD Monitor	9VF99AS
HP E24 G4 FHD Monitor	9VF99AT
HP E24 G4 Without Video Cable FHD Monitor	9VF99A3
HP E24i G4 WUXGA Monitor	9VJ40A7
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24i G4 WUXGA Monitor	9VJ40AS
HP E24i G4 WUXGA Monitor	9VJ40AT
HP E24i G4 Without Video Cable WUXGA Monitor	9VJ40A3
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24mv G4 FHD Conferencing Monitor	169L0AS

HP E24mv G4 FHD Conferencing Monitor	169L0AT
HP E24mv G4 FHD Conferencing Monitor	169L0E9
HP E24q G4 QHD Monitor	9VG12A7
HP E24q G4 QHD Monitor	9VG12AA
HP E24q G4 QHD Monitor	9VG12AT
HP E24t G4 FHD Touch Monitor	9VH85A7
HP E24t G4 FHD Touch Monitor	9VH85A8
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24t G4 FHD Touch Monitor	9VH85AS
HP E24t G4 FHD Touch Monitor	9VH85AT
HP E27 G4 FHD Monitor	9VG71A7
HP E27 G4 FHD Monitor	9VG71AA
HP E27 G4 FHD Monitor	9VG71AS
HP E27 G4 FHD Monitor	9VG71AT
HP E27 G4 Without Video Cable FHD Monitor	9VG71A3
HP E27q G4 QHD Monitor	9VG82A7
HP E27q G4 QHD Monitor	9VG82AA
HP E27q G4 QHD Monitor	9VG82AT
HP E27q G4 Without Video Cable QHD Monitor	9VG82A3

P-Series

HP P22 G4 22 FHD Monitor	1A7E4A7
HP P22 G4 22 FHD Monitor	1A7E4AA
HP P22 G4 22 FHD Monitor	1A7E4AS
HP P22 G4 22 FHD Monitor	1A7E4AT
HP P22 G5 FHD Monitor	64X86A7
HP P22 G5 FHD Monitor	64X86AA
HP P22 G5 FHD Monitor	64X86AS
HP P22 G5 FHD Monitor	64X86AT
HP P22h G4 FHD Monitor	7UZ36A7
HP P22h G4 FHD Monitor	7UZ36AA
HP P22h G4 FHD Monitor	7UZ36AS
HP P22h G4 FHD Monitor	7UZ36AT
HP P22h G4 FHD Monitor	9UJ12A8
HP P22h G4 FHD Monitor	9UJ12AA
HP P22h G5 FHD Monitor	64W30A7

HP P22h G5 FHD Monitor	64W30AA
HP P22h G5 FHD Monitor	64W30AS
HP P22h G5 FHD Monitor	64W30AT
HP P24 G4 24 FHD Monitor	1A7E5AA
HP P24 G4 24 FHD Monitor	1A7E5AS
HP P24 G4 24 FHD Monitor	1A7E5AT
HP P24 G5 FHD Monitor	64X66A7
HP P24 G5 FHD Monitor	64X66AA
HP P24 G5 FHD Monitor	64X66AS
HP P24 G5 FHD Monitor	64X66AT
HP P24h G4 FHD Monitor	7VH44AA
HP P24h G4 FHD Monitor	7VH44AS
HP P24h G4 FHD Monitor	7VH44AT
HP P24h G4 FHD Monitor	9UJ13A8
HP P24h G4 FHD Monitor	9UJ13AA
HP P24h G5 FHD Monitor	64W34A7
HP P24h G5 FHD Monitor	64W34AA
HP P24h G5 FHD Monitor	64W34AS
HP P24h G5 FHD Monitor	64W34AT
HP P27 G5 FHD Monitor	64X69A7
HP P27 G5 FHD Monitor	64X69AA
HP P27 G5 FHD Monitor	64X69AS
HP P27 G5 FHD Monitor	64X69AT
HP P27h G4 FHD Monitor	9UJ14A8
HP P27h G4 FHD Monitor	9UJ14AA
HP P27h G5 FHD Monitor	64W41A7
HP P27h G5 FHD Monitor	64W41AA
HP P27h G5 FHD Monitor	64W41AS
HP P27h G5 FHD Monitor	64W41AT

Value Displays

HP P224 21.5-inch Monitor	9ZS36AA
HP ZHAN D 24 Display	7MQ70AA

Accessories

PC Drives and Storage

★ : Recommended

PC SATA Hard Drives

12TB 7200 RPM SATA-6G 3.5in Enterprise HDD	5S461AA
2TB 7200RPM SATA 3.5in Enterprise	2Z274AA
8TB 7200RPM SATA 3.5in Enterprise	2Z273AA
HP 1TB Enterprise SATA 7200 HDD	W0R10AA
HP 1TB SATA 6Gb/s 7200 Hard Drive	LQ037AA
HP 1TB SATA 6Gb/s 7200 Hard Drive	LQ037AT
HP 2TB SATA 6Gb/s 7200 Hard Drive	QB576AA
HP 4TB SATA 7200 Hard Drive	K4T76AA
HP 4TB SATA 7200 Hard Drive	K4T76AT
HP 500GB 7200rpm SATA SFF SED Hard Drive	D8N29AA
HP 500GB SATA 6Gb/s 7200 Hard Drive	LQ036AA
HP 500GB SATA 6Gb/s 7200 Hard Drive	LQ036AT

PC Solid State Drives

1TB 2280 PCIe-4x4 NVMe Value M.2 Z2 Kit SSD	4M9Z3AA
256GB 2280 PCIe-4x4 NVMe Value M.2 Z2 Kit SSD	4M9Z1AA
512GB 2280 PCIe-4x4 NVMe Value M.2 Z2 Kit SSD	4M9Z2AA
HP CRU SHIPS M.2 1TB Storage Module	56Q88AA
HP CRU SHIPS M.2 2TB Storage Module	56Q87AA
HP CRU SHIPS M.2 512GB Storage Module	56Q89AA
HP Z Turbo Drive 2TB TLC Z8 G4 SSD Kit	201F8AA
HP ZTurbo 1TB 2280 PCIe-Gen4x4 Self Encrypted OPAL2 TLC M.2 Z2 SSD	223A3AA
HP ZTurbo 1TB 2280 PCIe-Gen4x4 Self Encrypted OPAL2 TLC M.2 Z2 SSD	223A3AT
HP ZTurbo 1TB PCIe-Gen 4x4 TLC Z2 SSDKit	201F5AA
HP ZTurbo 1TB PCIe-Gen 4x4 TLC Z2 SSDKit	201F5AT
HP ZTurbo 2TB 2280 PCIe-Gen4x4 Self Encrypted OPAL2 TLC M.2 Z2 SSD	223A4AA
HP ZTurbo 2TB 2280 PCIe-Gen4x4 Self Encrypted OPAL2 TLC M.2 Z2 SSD	223A4AT
HP ZTurbo 512GB PCIe-Gen 4x4 SED Z2 SSDKit	201F9AA
HP ZTurbo 512GB PCIe-Gen 4x4 TLC Z2 SSDKit	201G0AA
HP ZTurbo 512GB PCIe-Gen 4x4 TLC Z2 SSDKit	201G0AT
Z Turbo 1TB 2280 PCIe-4x4 SED OPAL2 TLC M.2 SSD Module	38T76AA

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 SSD Module	5S497AA
--	---------

Z Turbo 4TB 2280 PCIe-4x4 SED OPAL2 TLC M.2 SSD Module	5S497AT
--	---------

Z Turbo 4TB 2280 PCIe-4x4 SED OPAL2 TLC M.2 Z2 SSD Kit	5S498AA
--	---------

Z Turbo 4TB 2280 PCIe-4x4 SED OPAL2 TLC M.2 Z2 SSD Kit	5S498AT
--	---------

Z Turbo 4TB 2280 PCIe-4x4 TLC M.2 Z2 SSD Kit	5S492AA
--	---------

Z Turbo 4TB 2280 PCIe-4x4 TLC M.2 Z2 SSD Kit	5S492AT
--	---------

Z Turbo 4TB 2280 PCIe-4x4 TLC SSD Module	5S496AA
--	---------

Z Turbo 4TB 2280 PCIe-4x4 TLC SSD Module	5S496AT
--	---------

Z Turbo 512GB 2280 PCIe-4x4 SED OPAL2 TLC M.2 SSD Module	38T81AA
--	---------

Z Turbo 512GB PCIe-4x4 TLC SSD Module	38T80AA
---------------------------------------	---------

Removable Hard Drive Enclosure

HP CRU QX328 3.5 in Front Removable Frame	4N012AA
---	---------

HP DP25 Removable 2.5in HDD Frame Carrier	W3J84AA
---	---------

PC DVD Drives

HP Z2 SFF DVD-Writer 9.5mm Slim ODD	4L5J9AA
-------------------------------------	---------

Memory

DDR5 Memory

16GB DDR5 (1x16GB) 4800 UDIMM ECC Memory	4M9Y1AA
--	---------

16GB DDR5 (1x16GB) 4800 UDIMM ECC Memory	4M9Y1AT
--	---------

16GB DDR5 (1x16GB) 4800 UDIMM NECC Memory	4M9Y0AA
---	---------

16GB DDR5 (1x16GB) 4800 UDIMM NECC Memory	4M9Y0AT
---	---------

32GB DDR5 (1x32GB) 4800 UDIMM ECC Memory	4M9Y3AA
--	---------

32GB DDR5 (1x32GB) 4800 UDIMM ECC Memory	4M9Y3AT
--	---------

32GB DDR5 (1x32GB) 4800 UDIMM NECC Memory	4M9Y2AA
---	---------

32GB DDR5 (1x32GB) 4800 UDIMM NECC Memory	4M9Y2AT
---	---------

8GB DDR5 (1x8GB) 4800 UDIMM NECC Memory	4M9X9AA
---	---------

8GB DDR5 (1x8GB) 4800 UDIMM NECC Memory	4M9X9AT
---	---------

Graphics Cards

Graphics Cards

AMD Radeon RX 6400 4GB DP+HDMI Graphics	6Q3U4AA
AMD Radeon RX 6400 4GB DP+HDMI Graphics	6Q3U4AT
NVIDIA RTX A2000 12 GB 4mDP Graphics	5Z7D9AA
NVIDIA RTX A2000 12 GB 4mDP Graphics	5Z7D9AT

PC Controller/Controller Options

PC Processor Cards

Allied Telesis AT-2911T/2-901 Dual Port 1GbE NIC	6E3Y9AA
Allied Telesis AT-2911T/2-901 Dual Port 1GbE NIC	6E3Y9AT
Intel Ethernet I350-T2 2-Port 1Gb NIC	V4A91AA
Intel Ethernet I350-T4 4-Port 1Gb NIC	W8X25AA
Intel I225V Single Port 2.5GbE PCIe NIC	406L9AA

Keyboards/Mice and Input Devices

Keyboards

HP 125 Wired Keyboard	266C9AA
HP 125 Wired Keyboard	266C9ET
HP 125 Wired Keyboard	266C9UT
HP 455 Programmable Wireless Keyboard	4R177A6
HP 455 Programmable Wireless Keyboard	4R177AA
HP 455 Programmable Wireless Keyboard	4R177ET
HP 975 Dual-Mode Wireless Keyboard	3Z726AA
HP 975 Dual-Mode Wireless Keyboard	3Z726UT
HP Business Slim Smartcard Keyboard	Z9H48AA
HP Business Slim Smartcard Keyboard	Z9H48AT
HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37ET
HP Wired Desktop 320K Keyboard	9SR37UT

Mice

HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9ET
HP 125 Wired Mouse	265A9UT
HP 128 Laser Wired Mouse	265D9AA
HP 128 Laser Wired Mouse	265D9ET

HP 128 Laser Wired Mouse	265D9UT
--------------------------	---------

HP 935 Creator Wireless Mouse	1D0K8AA
-------------------------------	---------

HP 935 Creator Wireless Mouse	1D0K8UT
-------------------------------	---------

HP Wired Desktop 320M Mouse	9VA80AA
-----------------------------	---------

HP Wired Desktop 320M Mouse	9VA80ET
-----------------------------	---------

HP Wired Desktop 320M Mouse	9VA80UT
-----------------------------	---------

Keyboard and Mouse Kits

HP 655 Wireless Keyboard and Mouse Combo	4R009AA
--	---------

HP 655 Wireless Keyboard and Mouse Combo (Black 10)	4R009A6
---	---------

HP 655 Wireless Keyboard and Mouse Combo (Black 10)	4R009ET
---	---------

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
---	---------

HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET
---	---------

HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT
---	---------

Expansion Solution and Controller Cards

Port Adapters

HP 1GbE LAN Flex Port 2020	141J6AA
----------------------------	---------

HP DP Flex Port 2020	141J7AA
----------------------	---------

HP Dual USB-A 3.2 Gen1 Flex 2020	141J8AA
----------------------------------	---------

HP Flex 1GbE Fiber LC Single Port	20J15AA
-----------------------------------	---------

HP HDMI Flex Port	69D47AA
-------------------	---------

HP HDMI Flex Port	69D47AT
-------------------	---------

HP PCIe x1 Parallel Port Card	N1M40AA
-------------------------------	---------

HP PCIe x1 Parallel Port Card	N1M40AT
-------------------------------	---------

HP USB-C 3.2 Gen2 Alt Flex Port 2020	141K6AA
--------------------------------------	---------

HP VGA Flex Port 2020	141K7AA
-----------------------	---------

HP Z2 G5 2nd serial port adapter	141K8AA
----------------------------------	---------

HP Z2 G5 Internal Serial and PS/2 Port	141K9AA
--	---------

Security and Protection

PC Locks

HP Business PC Security Lock v3 Kit	3XJ17AA
-------------------------------------	---------

HP Business PC Security Lock v3 Kit	3XJ17AT
-------------------------------------	---------

HP Keyed Cable Lock 10 mm	T1A62AA
---------------------------	---------

HP Keyed Cable Lock 10 mm	T1A62UT
---------------------------	---------

HP Master Keyed Cable Lock 10mm	T1A63AA
---------------------------------	---------

HP Master Keyed Cable Lock 10mm	T1A63UT
---------------------------------	---------

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP DisplayPort To VGA Adapter	AS615A6
-------------------------------	---------

HP DisplayPort To VGA Adapter	AS615AA
-------------------------------	---------

HP DisplayPort To VGA Adapter	AS615AT
-------------------------------	---------

HP DisplayPort To VGA Adapter	F7W97AA
-------------------------------	---------

HP DisplayPort to DVI-D Adapter	FH973AA
---------------------------------	---------

HP DisplayPort to DVI-D Adapter	FH973AT
---------------------------------	---------

HP DisplayPort to DVI-D Adapter (Bulk 90)	FH973A6
---	---------

HP DisplayPort to HDMI True 4K Adapter	2JA63AA
--	---------

Cable Adapters

HP Single miniDP-to-DP Adapter Cable	2MY05AA
--------------------------------------	---------

HP USB-C to DP Adapter	4SH08AA
------------------------	---------

HP USB-C to HDMI Adapter	4SH07AA
--------------------------	---------

HP USB-C to VGA Adapter	4SH06AA
-------------------------	---------

Audio/Multimedia and Communication Devices

Headsets

HP Reverb G2 Virtual Reality Headset	1N0T4AA
--------------------------------------	---------

HP Reverb Virtual Reality Headset G2 (359V7AV)	428Z7AA
--	---------

Batteries/Chargers/Adapters

Power Cords

HP Z2 Power Cord Kit M	1N1D5AA
------------------------	---------

Chassis and Chassis Accessories

Brackets/Bezels/Panels

HP Z2 SFF Dust Filter Bezel	4N003AA
-----------------------------	---------

Network Adapters

Adapter Cards

Intel X550 10GBASE-T Dual Port NIC

1QL46AA

HyperX Gaming Peripherals

HyperX Gaming Headsets

★ : Recommended

HyperX Cloud Headsets SC

HyperX Cloud Core + 7.1 - Gaming Headset (Black)

4P4F2AA

HyperX Cloud Flight Headsets SC

HyperX Cloud Flight - Wireless Gaming Headset (Black-Red)

4P5L4AA

HyperX Cloud MIX Headsets SC

HyperX Cloud MIX - Gaming Headset (Black-Gunmetal)

4P5K9AA

HyperX Cloud Stinger Headsets SC

HyperX Cloud Stinger Core - Gaming Headset (Black)

4P4F4AA

HyperX Microphones

HyperX SoloCast Microphones SC

HyperX SoloCast - USB Microphone (Black)

4P5P8AA

Disclaimer — Copyright

Intel, Pentium, the Intel logo, Intel Core, Thunderbolt, vPro, Optane, and Core Inside are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Bluetooth is a trademark of its proprietor, used by HP Inc. under license. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. Adobe PDF is a trademark of Adobe Systems Incorporated. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. NVIDIA, the NVIDIA logo, Quadro, and GeForce are trademarks and/or registered trademarks of NVIDIA Corporation in the US. and other countries. Bluetooth is a trademark of its proprietor and used by HP Inc. under license. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. All other trademarks are the property of their respective owners.

© Copyright 2022 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.