



# HP Workstation Z4 G4 Tower (6T7C8UT)



## Overview

### HP's best-selling performance workstation

Perfect for engineering, visualization and Machine Learning, HP's most popular workstation delivers disruptive performance for a wide spectrum of applications. With a choice of Intel® Xeon® or Core™ X processors, and support for dual extreme graphics, you get all you need, nothing more.

### Feature-rich functionality

The Z4 is ahead of its time with more standard features than any other single processor HP workstation. With multiple configuration options, you can choose the perfect blend of components that meet your performance requirements.

### HP's most secure workstations

Advanced security features come standard on every Z4. Rest assured your device, identity and data are safe with security software like HP Client Security Suite Gen3[2] and HP Sure Start Gen3[10] featuring a self-healing BIOS.

### Visualization powerhouse

Visualize your project anytime with the power to move seamlessly between 3D CAD, rendering and simulation applications. The Z4 can easily handle tasks that require high frequency processing, multiple cores and high-powered GPUs for an optimized design process.

# Features

## Windows 10 Pro for Workstations

Work without compromising on performance or security with Windows 10 Pro for Workstations, powered by HP's collaboration and connectivity technology.<sup>[3]</sup>

## Security is your top priority

The HP Wolf Pro Security Edition provides preconfigured enterprise-level PC protection for small and medium sized businesses.<sup>[8]</sup>

## Storage

Install pro-grade storage hardware and elevate your storage-bound apps without sacrificing standard PCIe slots.

## Intel® Xeon® W processor

Get optimized performance whether your professional application utilizes high core count or high frequency with the Intel® Xeon® W processor.<sup>[4]</sup>

## Graphics

Get serious about graphics and reach peak productivity with access to a breadth of NVIDIA® and AMD professional graphics from entry to high-end 3D.<sup>[4]</sup>

## Functional Design

The simply stunning design features front and rear handles, so you can easily relocate your system.

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[2] HP Client Security Suite Gen3 requires Windows and Intel® or AMD 7th Gen processors.

[3] 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 10 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>.

[4] 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.

[8] Windows 10 Pro is preinstalled. Windows 7 is not supported on the Intel® Core™ X - Series processor configurations. Configurations with the Intel® Core™ X processors support only a subset of the full features of the Z4 G4 system, including, but not limited to: memory type and maximum memory, PCIe slot configurations, M.2 storage capacity, GbE interface and manageability features. Please refer to the product QuickSpecs for complete details.

## Specifications

<b>Operating system</b>	Windows 10 Pro (available through downgrade rights from Windows 11 Pro) <sup>[1,2]</sup>
<b>Processor family</b>	Intel® Xeon® W processor
<b>Processor</b>	Intel® Xeon® W-2223 (3.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 8.25 MB L3 cache, 4 cores) <sup>[6,7]</sup>
<b>Chipset</b>	Intel® C422; Intel® X299 <sup>[26,27]</sup>
<b>Memory</b>	16 GB DDR4-2933 MHz RAM (2 x 8 GB)
<b>Memory Slots</b>	8 DIMM
<b>Internal Storage</b>	512 GB HP Z Turbo Drive PCIe® M.2 SSD
<b>Internal drive bays</b>	Two 2.5" or 3.5"
<b>External drive bays</b>	Two 5.25"
<b>Compatible displays</b>	All HP Z Displays and HP DreamColor Displays are supported.
<b>Minimum dimensions (W x D x H)</b>	38.6 x 16.9 x 44.5 cm
<b>Minimum dimensions (W x D x H)</b>	15.2 x 6.65 x 17.5 in
<b>Weight</b>	Starting at 10.2 kg <i>(Exact weight depends on configuration.)</i>
<b>Weight</b>	Starting at 22.4 lb <i>(Exact weight depends on configuration.)</i>
<b>Keyboard</b>	HP USB Slim Business Keyboard
<b>Pointing device</b>	HP USB optical mouse
<b>Ports</b>	1 headset connector; 4 USB 3.1 (1 charging) <i>(The Intel® Core™ X-Series processor configurations only have one RJ45 port and 5 Rear USB 3.1 Gen 1 ports available. The serial port is optional.)</i>
<b>Expansion slots</b>	1 PCIe 3 x16; 2 M.2 PCIe 3 x4
<b>Ports</b>	1 audio-in; 1 audio-out; 1 PS/2 keyboard port; 1 PS/2 mouse port; 1 serial; 2 RJ-45 (1 GbE); 6 USB 3.1 Gen 1
<b>Power</b>	750 W internal power supply, up to 90% efficiency, active PFC <sup>[22]</sup>
<b>Ecolabels</b>	EPEAT® registered
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Low halogen
<b>Security management</b>	Full volume encryption; HP Keyed Cable Lock Kit; HP Secure Erase; HP Sure Start Gen3; Kensington lock slot; Secure authentication; TPM 2.0 certified; HP Device Access Manager; HP Sure Click; HP BIOSphere Gen3; HP Client Security Manager Gen3; HP MIK/SCCM Gen2; Self Encrypting Drive (SED); HP Wolf Security Pro Edition <sup>[7,14,15,17,18,28]</sup>
<b>Software included</b>	ZCentral Remote Boost
<b>UPC number</b>	196786447488

**Manufacturer Warranty**

3 year (3/3/0) limited warranty includes 3 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

## Additional specifications

<b>Accessories</b>	NVIDIA® Quadro® P5000 Z0B13AT, AMD Radeon™ Pro WX 7100 Z0B14AT, HP Z Turbo Drive Quad Pro 2x512 GB N2M99AA, HP Z27n 27-inch Narrow Bezel IPS Display: K7C09A8, HP 5 year Next Business Day Onsite with Defective Media Retention U1G57E
<b>Additional information about HP in the countries</b>	<a href="http://hp.com">hp.com</a>
<b>Additional storage</b>	HP SD 4 Media Card Reader (optional)
<b>Aggregation UPC group</b>	196337553095 194850884214 194850884221 196188423448 196188423455 196548775590 196548245413 196548245437 196786447488 196786447495
<b>Aggregation group name</b>	BV_FE_FAMILY:pikewks_Group_083
<b>Datasheet photo 1</b>	Publication photos/Pike_Z4_1.jpg
<b>Datasheet photo 2</b>	Publication photos/HP-carepack-new-box.jpg
<b>Datasheet photo 3</b>	AHID/04d2a12e906dd21320f2dc14264f94004d780848
<b>Datasheet photo 4</b>	AHID/11209ae303564aae52186948389a699b1ff31caa
<b>Datasheet photo 5</b>	AHID/8bc29d4937e8086c0f38c26467087e1ca57dd54a
<b>Datasheet publication number</b>	4AA7-0828
<b>ECC memory</b>	ECC
<b>Graphic card footnote number</b>	[19]
<b>Graphics</b>	Discrete
<b>Graphics (discrete)</b>	AMD Radeon™ Pro W5500 Graphics (8 GB GDDR6 dedicated)
<b>Graphics card brand</b>	AMD
<b>Graphics card family</b>	Radeon™ Pro
<b>Graphics card form factor</b>	PCIe x8
<b>Graphics card memory size</b>	8
<b>Graphics card memory size uom</b>	GB
<b>Graphics card memory type</b>	GDDR6
<b>I/O Port location</b>	Front (Premium version)
<b>I/O Port location</b>	Rear
<b>Keyboard interface</b>	USB
<b>Legal tagline</b>	HP recommends Windows 11 Pro for business
<b>Memory and storage</b>	16 GB memory; 512 GB SSD storage
<b>Memory layout (slots &amp; size)</b>	2 x 8 GB
<b>Memory module type</b>	DIMM
<b>Memory size</b>	16
<b>Memory size uom</b>	GB

<b>Memory speed</b>	2933
<b>Memory speed uom</b>	MHz
<b>Memory type</b>	DDR4
<b>Model Number</b>	W5500
<b>Number of memory slots</b>	2
<b>Playbook TS icon OS</b>	<a href="http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png">http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png</a>
<b>Playbook TS icon battery life</b>	<a href="http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png">http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png</a>
<b>Playbook TS icon connectivity</b>	<a href="http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png">http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png</a>
<b>Playbook TS icon dimensions tower</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201997.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201997.png</a>
<b>Playbook TS icon graphics</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png</a>
<b>Playbook TS icon memory</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png</a>
<b>Playbook TS icon processor</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png</a>
<b>Playbook TS icon storage</b>	<a href="http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png">http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png</a>
<b>Playbook TS icon weight imperial</b>	<a href="http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png">http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png</a>
<b>Playbook TS icon weight metric</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png</a>
<b>Processor Brand</b>	Intel®
<b>Processor base frequency</b>	3.6
<b>Processor cache</b>	8.25 MB L3
<b>Processor core</b>	4
<b>Processor family</b>	Xeon® W
<b>Processor frequency UOM</b>	GHz
<b>Processor frequency technology</b>	Intel® Turbo Boost Technology
<b>Processor maximum frequency</b>	3.9
<b>Processor maximum frequency uom</b>	GHz
<b>Processor model</b>	2223
<b>Processor threads</b>	8
<b>Product long name specifications</b>	HP 5 year Next Business Day Onsite HW Support w/Defective Media Retention for Workstations
<b>Product short name specifications</b>	HP Workstation Z4 G4 Tower, Intel® Xeon® W, 16GB RAM, 512GB SSD
<b>Quickspec</b>	<a href="http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c05527757">http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c05527757</a>
<b>Security Software Licenses</b>	HP Wolf Pro Security Edition (1 year)
<b>Standard memory note</b>	Transfer rates up to 2933 MT/s.
<b>Storage brand 01</b>	HP Z Turbo Drive
<b>Storage capacity</b>	512

<b>Storage capacity uom 01</b>	GB
<b>Storage controller</b>	Integrated SATA 6.0 Gb/s supporting RAID 0, 1, 5, 10; Optional SAS controller supporting RAID, 0, 1, 10 for SAS drives
<b>Storage form factor 01</b>	M.2
<b>Storage interface 01</b>	PCIe®
<b>Storage memory technology 01</b>	TLC
<b>Storage type</b>	SSD
<b>Storage type 01</b>	SSD
<b>UNSPSC code</b>	43211515

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[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.

[14] HP BIOSphere G3 requires Intel® 7th generation processors.

[15] HP Secure Erase: For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.

[17] HP MIK/SCCM - HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement> .

[18] HP Keyed Cable Lock Kit is available only as an aftermarket option.

[22] 465W and 750W power supply options are only available for Intel® Xeon® configurations.

[26] Choice of Intel Core X processor family will affect other configuration choices and system feature set availability; refer to the product Quickspecs for details.

[27] Intel® C422 for Intel® Xeon® configurations, Intel® X299 for Intel® Core™ X configurations.

[28] HP Sure Click is available on most HP PCs 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.

# 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 1 year PW Next Business Day Response Onsite w/Defective MediaRetention WS HW Supp	U1G23PE
HP 1 year PW Next business day Response onsite WS HW Supp	U1G24PE
HP 3 year Next Business Day Onsite Optional CSR Workstations HardwareSupport	U1G59E
HP 3 year Next Business Day Response Onsite w/Accidental DamageProtection WS Supp	U0A88E
HP 3 year Next Business Day Response Onsite w/Defective Media RetentionWS HW Supp	U1G55E
HP 3y NBD ONS w/Accidental Damage Protection/Defective Media RetentionWS (Low End) HW Supp	U9WU5E
HP 4 year Next Business Day Response Onsite w/Accidental DamageProtection WS HW Supp	U0A89E
HP 4 year Next Business Day Response Onsite w/Defective Media RetentionWS HW Supp	U1G56E
HP 4y NBD ONS w/Accidental Damage Protection/Defective Media RetentionWS (Low End) HW Supp	U9WU6E
HP 5 year Next Business Day Response Onsite Workstation Hardware Support	U1G39E
HP 5 year Next Business Day Response Onsite w/Accidental DamageProtection Workstation HW Supp	U1G62E
HP 5 year Next Business Day Response Onsite w/Defective Media Retention WS HW Supp	U1G57E
HP 5y NBD ONS w/Accidental Damage Protection/Defective Media RetentionWS (Low End) HW Supp	U9WU7E
HP 5y NBD Resp Onsite w/Accidental Damage Protection/Defective MediaRetention WS HW Supp	HL565E

### Personal Systems Commercial Care Pack Services

HP 4 year Active Care Next Business Day Response Onsite WorkstationHardware Support	U22KBE ★
HP 5 year Active Care Next Business Day Resp Onsite w/Defective MediaRetention WS HW Supp	U22KGE ★
HP 3 year Active Care Next Business Day Resp Onsite w/Defective MediaRetention WS HW Supp	U22KDE
HP 3 year Active Care Next Business Day Response Onsite WorkstationHardware Support	U22K9E

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 Next Business Day Onsite DMR WS Solution Supp	U53ZKE
HP 4 year Active Care Next Business Day Resp Onsite w/Defective MediaRetention WS HW Supp	U22KFE
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 Next Business Day Onsite DMR WS Solution Supp	U53ZLE
HP 4y Next Business Day Onsite WS Solution Supp	U53ZHE
HP 5 year Active Care Next Business Day Response Onsite WorkstationHardware Support	U22KCE
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 Next Business Day Onsite DMR WS Solution Supp	U53ZME
HP 5y Next Business Day Onsite WS Solution Supp	U53ZJE
HP Recover Hard Disk Data Svc, 9x5, 3 year	UE372E
OSRest/DRS/SWSup/PROMO HW ONS Only, 3 yr	U9AN7E

## Accessories

### Memory

★ : Recommended

#### DDR4 Memory

HP 8GB (1x8GB) DDR4-2666 ECC Reg RAM	1XD84AA ★
16GB (1x16GB) DDR4-2666 ECC Reg RAM	1XD85AA ★
HP 16GB (1x16GB) DDR4 2933 UDIMM NECC Memory	7ZZ65AA ★
16GB (1x16GB) DDR4-2666 ECC Reg RAM	1XD85AT
32GB (1x32GB) DDR4-2666 (1x32GB) ECC Reg RAM	1XD86AA
32GB (1x32GB) DDR4-2666 (1x32GB) ECC Reg RAM	1XD86AT
HP 16GB (1x16GB) DDR4 2933 UDIMM NECC Memory	7ZZ65AT
HP 16GB (1x16GB) DDR4-2933 ECC RegRAM	5YZ54AA
HP 16GB (1x16GB) DDR4-2933 ECC RegRAM	5YZ54AT
HP 32GB (1x32GB) DDR4 2933 UDIMM NECC Memory	7ZZ66AA
HP 32GB (1x32GB) DDR4 2933 UDIMM NECC Memory	7ZZ66AT
HP 32GB (1x32GB) DDR4-2933 ECC RegRAM	5YZ55AA
HP 32GB (1x32GB) DDR4-2933 ECC RegRAM	5YZ55AT
HP 64GB (1x64GB) DDR4-2933 ECC RegRAM	5YZ57AA
HP 64GB (1x64GB) DDR4-2933 ECC RegRAM	5YZ57AT
HP 8GB (1x8GB) DDR4 2933 UDIMM NECC Memory	7ZZ64AA
HP 8GB (1x8GB) DDR4 2933 UDIMM NECC Memory	7ZZ64AT
HP 8GB (1x8GB) DDR4-2666 ECC Reg RAM	1XD84AT
HP 8GB (1x8GB) DDR4-2933 ECC RegRAM	5YZ56AA
HP 8GB (1x8GB) DDR4-2933 ECC RegRAM	5YZ56AT

### Keyboards/Mice and Input Devices

#### Keyboards

HP Wireless Premium Keyboard	Z9N41AA ★
HP USB Premium Keyboard	Z9N40AA ★
HP Wired Desktop 320K Keyboard	9SR37AA ★

#### Mice

HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80UT

## PC Drives and Storage

### PC SATA Hard Drives

HP 4TB SATA 7200 Hard Drive	K4T76AA ★
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 7200 RPM SATA Hard Drive SMR	8VE04AA
HP 2TB SATA 6Gb/s 7200 Hard Drive	QB576AA
HP 4TB SATA 7200 Hard Drive	K4T76AT
HP 500GB SATA 6Gb/s 7200 Hard Drive	LQ036AA
HP 500GB SATA 6Gb/s 7200 Hard Drive	LQ036AT
HP 6TB Enterprise SATA 7200 HDD	3DH90AA

### PC Solid State Drives

HP Z Turbo Drive Dual Pro 1TB SSD	4YF62AA ★
1920 GB 2.5 in Enterprise SATA3 SSD	1W6P9AA
960 GB 2.5 in Enterprise SATA3 SSD	1W6P8AA
HP 1TB M.2 2280 PCIe TLC SSD Module	8PE64AA
HP 1TB M.2 2280 PCIeTLC SSD Z2/4/6 Kit	8PE70AA
HP 1x1TB M.2 2280 PCIeTLC SSD Dual ProKit	8PE76AA
HP 1x256GB M.2 2280 PCIeTLCSSD Dual ProKit	8PE74AA
HP 1x512GB M.2 2280 PCIeTLC SSD Dual ProKit	8PE75AA
HP 256GB M.2 2280 PCIe TLC SSD Module	8PE62AA
HP 256GB M.2 2280 PCIeTLC SSD Z2/4/6 Kit	8PE68AA
HP 2TB PCIe NVME TLC M.2 Z4/Z6 G4 SSD	35F74AA
HP 512GB M.2 2280 PCIe TLC SSD Module	8PE63AA
HP 512GB M.2 2280 PCIeTLC SSD Z2/4/6 Kit	8PE69AA
HP Enterprise Class 240GB SATA SSD	T3U07AA
HP Enterprise Class 480GB SATA SSD	T3U08AA
HP Z Turbo 1TB SED (Z4/6 G4) TLC SSD Kit	6YT76AA
HP Z Turbo Drive 1TB TLC (Z4/Z6 G4) SSD Kit	1PD61AA
HP Z Turbo Drive 256GB SED (Z4/6 G4) TLC SSD Kit	4YZ41AA
HP Z Turbo Drive 256GB TLC (Z4/Z6 G4) SSD Kit	1PD59AA

HP Z Turbo Drive 256GB TLC (Z4/Z6 G4) SSD Kit	1PD59AT
HP Z Turbo Drive 2TB TLC Z4/6 SSD Kit	3KP39AA
HP Z Turbo Drive 2TB TLC Z8 G4 SSD Kit	2Y7W6AA
HP Z Turbo Drive 512GB SED (Z4/6 G4) TLC SSD Kit	4YZ44AA
HP Z Turbo Drive 512GB SED (Z4/6 G4) TLC SSD Kit	4YZ44AT
HP Z Turbo Drive 512GB TLC (Z4/Z6 G4) SSD Kit	1PD60AA
HP Z Turbo Drive Dual Pro	4YF59AA
HP Z Turbo Drive Dual Pro 256GB SSD	4YF60AA
HP Z Turbo Drive Dual Pro 2TB SSD	4YF63AA
HP Z Turbo Drive Dual Pro 512GB SSD	4YF61AA
HP Z Turbo Drive Quad Pro 1TB SSD TLC Module	4YZ37AA
HP Z Turbo Drive Quad Pro 256GB TLC SSD Module	4YZ35AA
HP Z Turbo Drive Quad Pro 2TB SSD Module	3KP43AA
HP Z Turbo Drive Quad Pro 2x1TB PCIe TLC SSD	4YZ40AA
HP Z Turbo Drive Quad Pro 2x256GB PCIe TLC SSD	4YZ38AA
HP Z Turbo Drive Quad Pro 2x2TB PCIe SSD	3KP42AA
HP Z Turbo Drive Quad Pro 2x512GB PCIe TLC SSD	4YZ39AA
HP Z Turbo Drive Quad Pro 2x512GB PCIe TLC SSD	4YZ39AT
HP Z Turbo Drive Quad Pro 512GB TLC SSD Module	4YZ36AA
HP Z Turbo Drive Quad Pro 512GB TLC SSD Module	4YZ36AT
HP ZTurbo Drive 1TB SED TLC SSD Module	6YT79AA
Intel VROC NVMe SSD Premium Ctlr Module	3FJ81AA
Intel VROC NVMe SSD Standard Ctlr Module	3FJ80AA

## PC SAS Hard Drives

HP 300GB SAS 15K SFF Hard Drive	L5B74AA
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## Removable Hard Drive Enclosure

HP 4-in-1 SFF (2.5in) HDD Carrier	B8K60AA
HP QX310 Removable Carrier only	8GQ91AA
HP QX310 Removable Carrier only	8GQ91AT

## Blu-ray Drives

HP 9.5mm Slim BDXL Blu-Ray Writer Drive	K3R65AA
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## PC DVD-ROM Drives

HP 9.5mm Slim DVD-ROM Optical Drive

K3R63AA

## PC DVD+RW Drives

HP 9.5mm Slim SuperMulti DVD Writer Drive

K3R64AA

## Personal Media Storage

HP SD 4 Card Reader Zx G4

2VK54AA

## Graphics Cards

### Graphics Cards

NVIDIA Quadro GV100 32GB Graphics Card 3ME26AA ★

AMD Radeon Pro W5500 8GB 4DP GFX 9GC16AA

AMD Radeon Pro W5700 8GB 5mDP+USBc GFX 9GC15AA

AMD Radeon Pro W6800 32GB GDDR6 6mDP Graphics 340K7AA

AMD Radeon Pro WX 3200 4GB (4)mDP GFX 6YT68AA

AMD Radeon Pro WX 3200 4GB (4)mDP GFX 6YT68AT

NVIDIA Quadro GV100 32GB Graphics Card 3ME26AT

NVIDIA Quadro T1000 4GB 4mDP Graphics 20X22AA

NVIDIA RTX A4000 16 GB 4DP Graphics 20X24AA

NVIDIA RTX A4000 16 GB 4DP Graphics 20X24AT

NVIDIA RTX A5000 24 GB 4DP Graphics 20X23AA

NVIDIA RTX A5000 24 GB 4DP Graphics 20X23AT

NVIDIA RTX A6000 48 GB 4DP Graphics 2S6U3AA

NVIDIA RTX A6000 48 GB 4DP Graphics 2S6U3AT

NVIDIA T400 2 GB GDDR6 LP Blower Fan 3mDP PCIe x16 Graphics 340K8AA

NVIDIA T600 4 GB GDDR6 LP Blower Fan 4mDP PCIe x16 Graphics 340K9AA

### Graphics Connectors/Adapters

HP 6pin to 8pin Power Supply Adapter N1G35AA

HP NVIDIA GV100 NVLINK Bridge Kit (Pair) 3NZ66AA

HP NVIDIA SLI 2-Slot Graphics Connector 2YY84AA

NVIDIA NVLink 2-Slot Bridge 340L2AA

Quadro RTX NVLink 2-slot Bridge 6FY12AA

## PC Controller/Controller Options

### PC Processor Cards

Allied Telesis AT-2911T/2-901 Dual Port 1GbE NIC	6E3Y9AA
Aquantia NBASE-T 5GbE PCIe NIC	1PM63AA
Intel Ethernet I210-T1 GbE NIC	E0X95AA
Intel Ethernet I350-T2 2-Port 1Gb NIC	V4A91AA
Intel Ethernet I350-T4 4-Port 1Gb NIC	W8X25AA

## PC Networking Adapters

### PC Fast Ethernet Adapters

Allied Telesis AT-2914SX/LC-901 1GB LC Fiber NIC	1C7Q2AA
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### PC Wireless Adapters

Intel 8265 802.11 a/b/g/n/ac&BT PCIe	1QL48AA
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## Cables/Cable Kits/Cable Adapters

### PC Cable Options

HP 2.5-in to 3.5-in HDD Adapter Kit	J5T63AA
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### Audio and Video Cables

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

### Port Cables and Cable Adapters

HP Internal USB Port Kit	EM165AA
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### Cable Adapters

HP Single miniDP-to-DP Adapter Cable	2MY05AA
HP USB-C to DP Adapter	4SH08AA
HP miniDP-to-DP Adapter Cables (Bulk 12)	2KW87A6

### Data Transfer Cables

Intel 10GbE SFP+ SR Transceiver	C3N53AA
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## Chassis and Chassis Accessories

## Brackets/Bezels/Panels

HP 2.5in HDD/SSD 2-in-1 Optical Bay Bracket	K4T74AA
HP Optical Bay HDD Mounting Bracket	NQ099AA
HP Z4 G4 Dust Filter	3DY47AA
HP Z4 G4 Dust Filter and Bezel	3DY48AA
HP Z4 G4 Fan and Front Card Guide Kit	1XM33AA
HP Z4 G4 Memory Cooling Solution	1XM34AA

## Security and Protection

### PC Locks

HP Keyed Cable Lock 10 mm	T1A62AA
HP Keyed Cable Lock 10 mm	T1A62UT
HP Master Keyed Cable Lock 10mm	T1A63AA

## Point of Sales System Options

### POS Display Accessories

HP L7010t 10.1-inch Retail Touch Monitor	T6N30A8
HP L7010t 10.1-inch Retail Touch Monitor	T6N30AA
HP L7014 14-inch Retail Monitor	T6N31A8
HP L7014 14-inch Retail Monitor	T6N31AA
HP L7014t 14-inch Retail Touch Monitor	T6N32A8
HP L7014t 14-inch Retail Touch Monitor	T6N32AA
HP L7016t 15.6-inch Retail Touch Monitor	V1X13A8
HP L7016t 15.6-inch Retail Touch Monitor	V1X13AA

## Audio/Multimedia and Communication Devices

### Headsets

HP Reverb G2 Virtual Reality Headset	1NOT4AA
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## PC Accelerators

### PC IO Accelerators

HP Thunderbolt 3 PCIe 2-port I/O Card	3UU05AA
HP Thunderbolt 3 PCIe 2-port I/O Card	3UU05AT

## Expansion Solution and Controller Cards

### Port Adapters

HP USB to Serial Port Adapter	J7B60AA
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### RAID Controller Cards

MicroSemi 2100-4i4e SAS RAID Controller	1FV90AA
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## PC Modules

### PCI I/O Modules

HP Z Premium Front I/O 2xUSB-A 2xUSB-C	1XM32AA
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## Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

### Rack Kits

HP Z2 Mini/Z2 Tower/Z4/Z6 Depth Adjustable Fixed Rail Rack Kit	2A8Y5AA
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### Mounting Kits

NVIDIA 3D Stereo Bracket	K0A25AA
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## Heat Sinks

### Heat Sinks

HP Z4 G4 Memory Cooler Xeon W-21/W-22 & CoreX	8TC68AA
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## Network Adapters

### Adapter Cards

Intel X550 10GBASE-T Dual Port NIC	1QL46AA
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Intel X710-DA2 10GbE SFP+ DP NIC	1QL47AA
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# Monitors

## Business Monitors

★ : Recommended

### Z Displays

HP Z32k G3 4K USB-C Display	50U19AA ★
HP Z24f G3 FHD Display	3G828AA
HP Z24n G3 WUXGA Display	1C4Z5AA
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA
HP Z27k G3 4K USB-C Display	1B9T0AA
HP Z27q G3 QHD Display	1C4Z7AA
HP Z27u G3 QHD Display	1B9X2AA
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA
HP Z32 31.5-inch 4K UHD Display	1AA81A4
HP Z32 31.5-inch 4K UHD Display	1AA81A8
HP Z38c 37.5-inch Curved Display	Z4W65A4
HP Z38c 37.5-inch Curved Display	Z4W65A8
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 E23 G4 FHD Monitor	9VF96AA
HP E24 G4 FHD Monitor	9VF99AA
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24q G4 QHD Monitor	9VG12AA
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27 G4 FHD Monitor	9VG71AA
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

### P-Series

HP P22 G4 22 FHD Monitor	1A7E4AA
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HP P22h G4 FHD Monitor

7UZ36AA

HP P24 G4 24 FHD Monitor

1A7E5AA

## Industries

### Architecture/Engineering and Construction

★ : Recommended

#### Architecture/Engineering and Construction

Architecture/Engineering and Construction Overview

AECOVERVIEW

### Communications/Media and Entertainment

#### Communications/Media and Entertainment

Communications/Media and Entertainment Overview

HPCMESOVERVIEW

### Education

#### Education

Education K-12

HPEDUSOVERVIEW

Higher Education

HPHIEDUOVVIEW

### Healthcare

#### Healthcare

Healthcare Overview

PHLSSOVERVIEW

# Solutions

## Workstation Solutions

★ : Recommended

### Workstation Solutions

Data Science Workstation Solution

DATASCIENCE

## Virtual Reality Solutions

### Virtual Reality Solutions

Virtual Reality Solutions Overview

VRSOVERVIEW

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