

HP Workstation Z4 G4 Tower (561W5PA)



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 64

Work without compromising on performance or security with Windows 10 Pro, powered by HP's collaboration and connectivity technology.^[1]

Intel® Core™ i9 processor

Get high-end performance for intensive tasks like rendering and video editing with the Intel® Core™ i9 processor.^[3]

Intel® Core™ X-Series processors

Experience disruptive price-performance on multi-threaded applications, or combined workflows such as simulation based design, with Intel® Core™ X-Series processors: the high-performance single-socket processors from Intel®.^[8]

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.^[4]

Storage

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

Functional Design

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

[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 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> .

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

[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.

[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

Operating system	Windows 10 Pro 64
Processor family	10th Generation Intel® Core™ i9 processor
Processor	Intel® Core™ i9-10900X (3.7 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 19.25 MB cache, 10 cores) ^[6,7]
Chipset	Intel® C422; Intel® X299 ^[26,27]
Memory	32 GB DDR4-2933 MHz RAM (2 x 16 GB)
Memory Slots	8 DIMM
Internal Storage	1 TB HP Z Turbo Drive PCIe® NVMe™ SSD
Hard drive (2nd)	2 TB 7200 rpm SATA
Internal drive bays	Two 2.5" or 3.5"
External drive bays	Two 5.25"
Optical drive	Not included
Compatible displays	All HP Z Displays and HP DreamColor Displays are supported.
Minimum dimensions (W x D x H)	38.6 x 16.9 x 44.5 cm
Minimum dimensions (W x D x H)	15.2 x 6.65 x 17.5 in
Weight	Starting at 10.2 kg <i>(Exact weight depends on configuration.)</i>
Weight	Starting at 22.4 lb <i>(Exact weight depends on configuration.)</i>
Keyboard	HP USB Slim Business Keyboard
Pointing device	HP USB optical mouse
Ports	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>
Expansion slots	1 PCIe 3 x16; 2 M.2 PCIe 3 x4
Ports	1 headset connector; 2 USB 3.1 Gen 2 Type-C™; 2 USB 3.1 Gen1 (1 charging)
Ports	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
Power	1000 W internal power supply, up to 90% efficiency, active PFC ^[22]
Sustainable impact specifications	Low halogen
Security management	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) ^[7,14,15,17,18,28]
Software included	HP ProtectTools Security; ZCentral Remote Boost

UPC number

196337145313

Manufacturer Warranty

On-site limited warranty and service with 3 year limited warranty and service offering delivers on-site, next business-day service for parts and labor and includes free telephone support 8 am - 5 pm. Global coverage ensures that any product purchased in one country and transferred to another, non-restricted country will remain fully covered under the original warranty and service offering. 24/7 operation will not void the HP warranty.

Additional specifications

Accessories	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
Additional storage	HP SD 4 Media Card Reader (optional)
Datasheet photo 1	Publication photos/Pike_Z4_1.jpg
Datasheet photo 3	Publication photos/Pike_Z4_3.jpg
Datasheet photo 4	Publication photos/Pike_Z4_4.jpg
Datasheet photo 5	Publication photos/Pike_Z4_5.jpg
Datasheet publication number	4AA7-0828
ECC memory	non-ECC
Graphic card footnote number	[19]
Graphics	Discrete
Graphics (discrete)	NVIDIA RTX™ A2000 (6 GB GDDR6 dedicated)
Graphics card brand	NVIDIA®
Graphics card family	Quadro®
Graphics card memory size	6
Graphics card memory size uom	GB
Graphics card memory type	GDDR6
I/O Port location	Front
I/O Port location	Rear
I/O Port location	Front (Premium version)
Keyboard interface	USB
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	32 GB memory; 2 TB HDD storage; 1 TB SSD storage
Memory layout (slots & size)	2 x 16 GB
Memory module type	DIMM
Memory size	32
Memory size uom	GB
Memory speed	2933
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	2
Processor Brand	Intel®

Processor base frequency	3.7
Processor base frequency uom	GHz
Processor cache	19.25 MB L3
Processor core	10
Processor family	Core™ i9
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	10th Generation
Processor maximum frequency	4.5
Processor maximum frequency uom	GHz
Processor model	10900X
Processor threads	20
Product long name specifications	HP Workstation Z4 G4 Tower, Windows 10 Pro 64, Intel® Core™ i9, 32GB RAM, 1TB SSD, Quadro®
Quickspec	http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c05527757
Standard memory note	Transfer rates up to 2933 MT/s.
Storage brand 01	HP Z Turbo Drive
Storage capacity	1
Storage capacity uom 01	TB
Storage controller	Integrated SATA 6.0 Gb/s supporting RAID 0, 1, 5, 10; Optional SAS controller supporting RAID, 0, 1, 10 for SAS drives
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage memory technology 01	TLC
Storage speed 02	7200
Storage speed uom 02	rpm
Storage type	HDD; SSD
Storage type 01	SSD
UNSPSC code	43211515

[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.

Accessories

PC Drives and Storage

★ : Recommended

PC Solid State Drives

HP 1TB Solid State Drive	F3C96AA ★	obsolete
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 1TB Solid State Drive	F3C96AT	obsolete
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 2 TB SATA SSD PROMO	Y6P08AT	obsolete
HP 256GB M.2 2280 PCIe TLC SSD Module	8PE62AA	
HP 256GB M.2 2280 PCIeTLC SSD Z2/4/6 Kit	8PE68AA	
HP 256GB SATA SED Opal2 Solid State Drive	G7U67AA	obsolete
HP 256GB SATA Solid State Drive	A3D26AA	
HP 256GB SATA Solid State Drive	A3D26AT	
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 512GB SATA SED SSD	N8T26AA	obsolete
HP 512GB SATA Solid State Drive	D8F30AA	
HP 512GB SATA Solid State Drive	D8F30AT	
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 Z Turbo Drive 1TB SED TLC SSD Module	6YT79AA
Intel Optane 905P DualPro 380GB PCIe SSD	6LA63AA
Intel VROC NVMe SSD Premium Ctlr Module	3FJ81AA
Intel VROC NVMe SSD Standard Ctlr Module	3FJ80AA

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	WOR10AA	
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 2TB SATA SSD	Y6P08AA	obsolete
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 SAS Hard Drives

HP 300GB SAS 15K SFF Hard Drive

L5B74AA

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

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

Memory

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) DDR4-2400 ECC Reg RAM

T9V40AA

obsolete

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 PS/2 Slim Business Keyboard	N3R86AA
HP PS/2 Slim Business Keyboard	N3R86AT
HP USB Business Slim Keyboard	N3R87AA
HP USB Premium Keyboard	Z9N40AT
HP Wireless Premium Keyboard	Z9N41AT

Mice

HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80ET
HP Wired Desktop 320M Mouse	9VA80UT

Graphics Cards

Graphics Cards

NVIDIA Quadro RTX 4000 8GB (3)DP+USBc	5JV89AA ★	
NVIDIA Quadro RTX 8000 48GB (4)DP+USBc	6NB51AA ★	
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 3100 4GB Graphics Card	2TF08AA	obsolete
AMD Radeon Pro WX 3100 4GB Graphics Card PROMO	2TF08AT	obsolete
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 P1000 4GB Graphics	1ME01AA
NVIDIA Quadro P1000 4GB Graphics	1ME01AT
NVIDIA Quadro P2000 (5GB) Graphics Card	1ME41AA
NVIDIA Quadro P2200 5GB (4)DP GFX	6YT67AA
NVIDIA Quadro P2200 5GB (4)DP GFX	6YT67AT
NVIDIA Quadro P400 2GB Graphics	1ME43AA
NVIDIA Quadro P400 2GB Graphics	1ME43AT
NVIDIA Quadro P620 2GB Graphics Card	3ME25AA
NVIDIA Quadro P620 2GB Graphics Card	3ME25AT
NVIDIA Quadro RTX 4000 8GB (3)DP+USBc	5JV89AT
NVIDIA Quadro RTX 5000 16GB (4)DP+USBc	5JH81AA
NVIDIA Quadro RTX 5000 16GB (4)DP+USBc	5JH81AT
NVIDIA Quadro RTX 6000 24GB (4)DP+USBc	5JH80AA
NVIDIA Quadro RTX 6000 24GB (4)DP+USBc	5JH80AT
NVIDIA Quadro RTX 8000 48GB (4)DP+USBc	6NB51AT
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
Quadro RTX NVLink High-BW 2-slot Bridge	6FY11AA

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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PC Controller/Controller Options

PC Processor Cards

Aquantia NBASE-T 5GbE PCIe NIC	1PM63AA
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Intel Ethernet I210-T1 GbE NIC	E0X95AA
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Intel Ethernet I350-T2 2-Port 1Gb NIC	V4A91AA
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Intel Ethernet I350-T4 4-Port 1Gb NIC	W8X25AA
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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
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HP DisplayPort To VGA Adapter	AS615AT
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HP DisplayPort To VGA Adapter	F7W97AA
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HP DisplayPort to DVI-D Adapter	FH973AA
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HP DisplayPort to DVI-D Adapter	FH973AT
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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
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HP USB-C to DP Adapter	4SH08AA
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HP miniDP-to-DP Adapter Cables (Bulk 12)	2KW87A6
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Drive Cables and Cable Adapters

HP eSATA PCI Cable Kit	GM110AA	obsolete
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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
HP Master Keyed Cable Lock 10mm	T1A63UT

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	1N0T4AA
HP Reverb Virtual Reality Headset G2 (359V7AV)	428Z7AA

Expansion Solution and Controller Cards

Port Adapters

HP Serial Port Adapter	PA716A
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RAID Controller Cards

MicroSemi 2100-4i4e SAS RAID Controller

1FV90AA

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

PC Modules

PC I/O Modules

HP Z Premium Front I/O 2xUSB-A 2xUSB-C

1XM32AA

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

Rack Kits

HP Z2 Mini/Z2 Tower/Z4/Z6 Depth Adjustable Fixed Rail Rack Kit

2A8Y5AA

Rail Kits

HP Z4/Z6 G4 Depth Adj Fxd Rail Rack Kit

2HW42AA

HP Z4/Z6 G4 Depth Adj Fxd Rail Rack Kit

2HW42AT

Mounting Kits

NVIDIA 3D Stereo Bracket

KOA25AA

Heat Sinks

Heat Sinks

HP Z4 G4 Memory Cooler Xeon W-21/W-22 & CoreX

8TC68AA

Network Adapters

Adapter Cards

Intel X550 10GBASE-T Dual Port NIC

1QL46AA

Intel X710-DA2 10GbE SFP+ DP NIC

1QL47AA

Monitors

Business Monitors

★ : Recommended

Z Displays

HP Z32 31.5-inch 4K UHD Display	1AA81A4 ★	
HP DreamColor Z27x G2 Studio Display	2NJ08A4	obsolete
HP DreamColor Z27x G2 Studio Display	2NJ08A7	obsolete
HP DreamColor Z27x G2 Studio Display	2NJ08A8	obsolete
HP DreamColor Z31x Studio Display	Z4Y82A4	
HP DreamColor Z31x Studio Display	Z4Y82A7	obsolete
HP DreamColor Z31x Studio Display	Z4Y82A8	obsolete
HP DreamColor Z31x Studio Display	Z4Y82AT	
HP Z22n G2 21.5-inch Display	1JS05A4	obsolete
HP Z23n G2 23-inch Display	1JS06A4	obsolete
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 Z27 27-inch 4K UHD Display	2TB68A4	obsolete
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	1AA81A7	
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 Z38c 37.5-inch Curved Display	Z4W65AT	
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 E24 G4 FHD No Stand(Bulk2) Monitor	3R473AA
HP E24d G4 FHD USB-C Docking Monitor	6PA50A8
HP E24d G4 FHD USB-C Docking Monitor	6PA50AT
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 E27d G4 QHD USB-C Docking Monitor	6PA56A8
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

EliteDisplays

HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AA	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AS	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AT	
HP EliteDisplay E202 20-inch Monitor	M1F41AA	obsolete
HP EliteDisplay E220t 21.5-inch Touch Monitor	L4Q76AA	obsolete
HP EliteDisplay E232 23-inch Monitor	M1N98AA	obsolete
HP EliteDisplay E233 23-inch Monitor	1FH46A7	
HP EliteDisplay E233 23-inch Monitor	1FH46AA	
HP EliteDisplay E243 23.8-inch Monitor	1FH47AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AT	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76U9	
HP EliteDisplay E243d 23.8-inch Docking Monitor	7MP20AA	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A7	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A8	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AS	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AT	
HP EliteDisplay E243m 23.8-inch Monitor Head Only	1FH48U9	
HP EliteDisplay E273d 27-inch Docking Monitor	5WN63AA	obsolete
HP EliteDisplay E273m 27-inch Monitor	1FH51A7	

HP EliteDisplay E273m 27-inch Monitor	1FH51A8	
HP EliteDisplay E273m 27-inch Monitor	1FH51AA	
HP EliteDisplay E273m 27-inch Monitor	1FH51AS	
HP EliteDisplay E273m 27-inch Monitor	1FH51AT	
HP EliteDisplay E273m 27-inch Monitor Head Only	1FH51U9	
HP EliteDisplay E273q 27-inch Monitor	1FH52A8	obsolete
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AA	

Healthcare Edition Displays

HP Healthcare Edition HC241 Clinical Review Monitor	3ME68AA	
HP Healthcare Edition HC241p Clinical Review Monitor	3ME69AA	

Large Format Display

HP LD5512 4K UHD Conferencing Display	2YD85AA	obsolete
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ProDisplays

HP Mini-in-One 24 Display	7AX23AA	
HP Mini-in-One 24 Display	7AX23AT	
HP Mini-in-One 24 Display	7AX23U9	

P-Series

HP P22 G4 22 FHD Monitor	1A7E4AA	
HP P22h G4 FHD Monitor	7UZ36A7	
HP P22h G4 FHD Monitor	7UZ36AA	
HP P22h G4 FHD Monitor	7UZ36AT	
HP P24 G4 24 FHD Monitor	1A7E5AA	
HP P24h G4 FHD Monitor	7VH44AA	
HP P24h G4 FHD Monitor	7VH44AT	
HP P27h G4 FHD Monitor	7VH95AA	
HP P27h G4 FHD Monitor	7VH95AT	

Value Displays

HP V22b Monitor	2XM33AA	
HP V24b Monitor	2XM34AA	

Industries

Architecture/Engineering and Construction

★ : Recommended

Architecture/Engineering and Construction

Architecture/Engineering and Construction Overview

AECOVERVIEW

Communications/Media and Entertainment

Communications/Media and Entertainment

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HPCMESOVERVIEW

Education

Education

Education K-12

HPEDUSOVERVIEW

Higher Education

HPHIEDUOVRVIEW

Healthcare

Healthcare

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Solutions

Workstation Solutions

★ : Recommended

Workstation Solutions

Data Science Workstation Solution

DATASCIENCE

Virtual Reality Solutions

Virtual Reality Solutions

Virtual Reality Solutions Overview

VRSOVERVIEW

Remote Connectivity Software

★ : Recommended

Workstation Remote Connectivity Software

HP ZCentral Connect 2020 E-LTU	9TS59AAE
HP ZCentral Remote Boost 2020 Floating E-LTU	9TS61AAE
HP ZCentral Remote Boost 2020 Standard E-LTU	9TS60AAE

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