



HP Z1 Entry Tower G5 (8AG65UT)



Overview

Step up to our most affordable Z desktop.

World-class performance is now within reach with a desktop certified for pro software. From entry 2D/3D CAD design to VR content creation, you gain speed and efficiency in your professional workflows. Go beyond a business PC. Upgrade to a Z.

Pick the perfect components for the work you do

Designing with pro software like Autodesk and SolidWorks? Choose a certified NVIDIA Quadro® graphics card[1] for optimized performance. Or creating for virtual reality? Opt for a NVIDIA GeForce® GTX graphics card[1] and be VR-ready from the start.

Safeguard your data. Protect your privacy.

Advanced security features come standard on every Z1 Entry Tower. System safeguards like HP Client Security Manager Gen4[2] and HP Sure Start Gen4[3] - the industry's first self-healing BIOS - mean your device is locked down tight, so your data and identity are too.

Optimize your pro software performance

Work confidently knowing your desktop is tested and certified for your most critical applications. We've worked closely with leading software providers so you can get seamless and reliable performance at every stage of your workflow.

Features

Windows 10 Pro 64

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

Intel® Core™ i3 processor

Experience powerful performance and seamless computing for your everyday tasks with the Intel® Core™ i3 processor.^[4]

NVIDIA® Quadro® P400 graphics card

Get stable, reliable performance on professional workflows that require you to manage complex 2D and 3D models with NVIDIA® Quadro® P400 graphics.

[1] Sold separately or as an add-on feature.

[2] HP Client Security Manager Gen4 requires Windows and Intel® or AMD 8th generation processors.

[3] HP Sure Start Gen4 is available on HP Elite and HP Workstation products equipped with 8th generation Intel® or AMD processors.

[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.

Specifications

Form factor	Tower
Operating system	Windows 10 Pro 64
Processor family	9th Generation Intel® Core™ i3 processor
Processor	Intel® Core™ i3-9100 with Intel® UHD Graphics 630 (3.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores) ^[6,7]
Chipset	Intel® Q370
Memory	8 GB DDR4-2666 SDRAM (1 x 8 GB)
Memory Slots	4 DIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Internal drive bays	One 2.5" HDD; Two 3.5" HDD
External drive bays	1 slim optical drive bay; One 5.25" ODD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Minimum dimensions (W x D x H)	15.4 x 37 x 36.5 cm
Minimum dimensions (W x D x H)	6.1 x 14.6 x 14.4 in
Weight	9.86 kg (Exact weight depends on configuration.)
Weight	21.73 lb (Exact weight depends on configuration.)
Keyboard	HP USB Business Slim Keyboard
Pointing device	HP USB Optical Mouse
Ports	1 audio-in; 1 audio-out; 1 power connector; 1 RJ-45; 1 serial; 2 DisplayPort™ 1.2; 2 USB 2.0; 2 USB 3.1 Gen 1; 2 USB 3.1 Gen 2 ^[18,19]
Expansion slots	1 M.2 2230; 1 PCIe 3 x16; 2 PCIe 3 x1; 1 PCIe 3 x16 (wired as x4); 2 M.2 2230/2280 (1 M.2 slot for WLAN and 2 M.2 2230/2280 slot for storage.)
Ports	1 headphone; 1 headset connector; 1 USB 2.0; 2 USB 3.1 Gen 2; 1 USB 2.0 (fast charging); 1 USB 3.1 Type-C™ (charging)
Ports	1 DisplayPort™ 1.2; 1 HDMI 2.0; 1 serial; 1 VGA; 1 USB 3.1 Type-C™ Gen 1 (DisplayPort™)
Power	250 W internal power supply, up to 92% efficiency, active PFC; 500 W internal power adapter, up to 92% efficiency, active PFC
Energy efficiency	ENERGY STAR® certified
Environmental	Low halogen

Security management

Removable media write/boot control; DriveLock; HP BIOSphere; HP Password Manager; HP Power On Authentication; Intel® Identity Protection Technology (Intel® IPT); Power-on password (via BIOS); RAID configurations; SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; USB enable/disable (via BIOS); Solenoid lock and hood sensor; HP Client Security Suite Gen 4; HP Sure Start Gen 4; HP Sure Run; Parallel enable/disable (via BIOS); Serial enable/disable (via BIOS); Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified)
[11,29,30,31,32,33,34,35,36]

Additional specifications

Accessories	HP PCIe NVMe TLC 512 GB SSD PCIe Drive - Z4L70AA; HP 16 GB DDR4-2666 DIMM - 3TK83AA; HP Thunderbolt-3 PCIe 2-port I/O Card - 3UU05AA; Intel® Ethernet I350-T2 2-Port 1GbE3 NIC - V4A91AA; HP Z24nf G2 Display - 1JS07A8; HP 5 year Next Business Day Onsite HW Support w/Defective Media Retention for Workstations - U1G57E.
Additional storage	5-in-1 SD card reader
External I/O ports footnote number	[37]
Graphics	Discrete
Graphics (discrete)	NVIDIA® Quadro® P400 (2 GB GDDR5 dedicated)
I/O Port location	Front
I/O Port location	Rear
Legal tagline	HP recommends Windows 10 Pro.
MDA key selling point	Windows 10 Pro or other operating systems available
Memory and storage	8 GB memory; 256 GB SSD storage
Processor speed	3.6 GHz
Standard memory note	Transfer rates up to 2666 MT/s.
Storage acceleration	16 GB PCIe® NVMe™ Intel® Optane™ Memory for storage acceleration ^[38]
Storage type	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.

[11] HP BIOSphere Gen4: Requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.

[18] (2) USB 3.1 Gen 1 (5 Gbit/s): allows for wake from S4/S5 with keyboard/mouse when connected and enabled in BIOS.

[19] The TWR can support a single graphics card up to 75W. When configured with dual graphics cards support is limited to 35W for each.

[29] HP Client Security Suite Gen 4: Requires Windows and Intel® or AMD 8th generation processors.

[30] HP Password Manager: Requires Internet Explorer or Chrome or FireFox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.

[31] Microsoft Defender: Opt in and internet connection required for updates.

[32] HP Sure Start Gen4: Is available on HP Elite and HP Workstation products equipped with Intel® 8th generation processors.

[33] Firmware TPM: Is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

[34] RAID configuration: Is optional and does require a second hard drive.

[35] HP Sure Run: Is available on HP Elite and HP Workstation products equipped with 8th generation Intel® or AMD processors.

[36] Intel® Identity Protection Technology (Intel® IPT): Models configured with Intel® Core™ processors have the ability to utilize advanced security protection for online transactions. Intel® Identity Protection Technology (Intel® IPT), used in conjunction with participating web sites, provides double identity authentication by adding a hardware component in addition to the usual user name and password. Intel® Identity Protection Technology (Intel® IPT) is initialized through an HP Client Security module.

[38] Intel® Optane™ memory is sold separately. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Available for HP commercial desktops and notebooks and for select HP workstations (HP Z240 Tower/SFF, Z2 Mini, ZBook Studio, 15 and 17 G5) and requires a SATA HDD, 7th Gen or higher Intel® Core™ processor or Intel® Xeon® processor E3-1200 V6 product family or higher, BIOS version with Intel® Optane™ supported, Windows 10 version 1703 or higher, M.2 type 2280-S1-B-M connector on a PCH Remapped PCIe Controller and Lanes in a x2 or x4 configuration with B-M keys that meet NVMe™ Spec 1.1, and an Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.

Monitors

Business Monitors

Value Displays

HP N270c 27-inch Curved Display	Y6J31AA	
HP N223 21.5-inch Monitor	3WP71AA	
HP V214b 20.7-inch Monitor	3FU54AA	
HP N246v 23.8-inch Monitor	1RM28AA	
HP V24b Monitor	2XM34AA	
HP V243 24-inch Monitor	V5J53AA	
HP N223v 21.5-inch Monitor	4AM19AA	
HP V244a 23.8-inch Monitor	Z8W49A6	
HP P224 21.5-inch Monitor	5QG34AA	
HP VH22 22-inch Class Monitor	X0N05AA	
HP P241v 23.8-inch Monitor	6CQ79AA	
HP V19b Monitor	2XM32AA	
CPQ B201 19.5-inch Display	T5D85AA	obsolete
HP V14 14-inch Portable Monitor	3TN62A8	
HP N240 23.8-inch Monitor	Y6P10AA	
HP V214a 20.7-inch Monitor	1FR84AA	
HP N220h 21.5-inch Monitor	4JF58AA	
HP V194 18.5-inch Monitor	V5E94AA	
HP V197 18.5-inch Monitor	V5J61AA	
HP N240h 23.8-inch Monitor	2MW69AA	
HP V223 21.5-inch Monitor	V5G70AA	obsolete
HP VH24 23.8-inch Monitor	6FE27AA	
HP VH240a 23.8-inch Monitor	1KL30AA	
HP V214a 20.7-inch Monitor	3WP69AA	
HP V203p 19.5-inch Monitor	T3U90AA	
HP V190 18.5-inch Monitor	2NK17AA	
HP VH27 27-inch Monitor	2KZ36AA	
HP VH24 23.8-inch Monitor	M1T03AA	
HP N246v 23.8-inch Monitor	3NS59AA	
HP V202b 19.5-inch Monitor	X2N37AA	

HP V270 27-inch Monitor	3PL17AA
HP P244 23.8-inch Monitor	5QG35AA
HP N270h 27-inch Monitor	2MW70AA
HP V244h 23.8-inch Monitor	W1Y58AA
HP N223 21.5-inch Monitor	3ML60AA
HP V220 21.5-inch Monitor	4CJ27AA
HP N223v 21.5-inch Monitor	1RM23AA
HP VH22 22-inch Class Monitor	V9E67AA
HP V22b Monitor	2XM33AA
HP VH27 27-inch Monitor	3PL18AA
HP N220 21.5-inch Monitor	Y6P09AA
HP V270 27-inch Monitor	2KZ35AA
HP V202b 19.5-inch Monitor	X2N37A7
HP V197 18.5-inch Monitor	V5J61AT
HP P224 21.5-inch Monitor	5QG34AT
HP P244 23.8-inch Monitor	5QG35A8
HP V190 18.5-inch Monitor	2NK17A7
HP V203p 19.5-inch Monitor	T3U90A7
HP VH27 27-inch Monitor	3PL18AT
HP P224 21.5-inch Monitor	5QG34A8
HP N220 21.5-inch Monitor	Y6P09A7
HP V194 18.5-inch Monitor	V5E94A7
HP P244 23.8-inch Monitor	5QG35AT
HP V214a 20.7-inch Monitor	1FR84AT
HP V214b 20.7-inch Monitor	3FU54A7
HP VH240a 23.8-inch Monitor	1KL30AT
HP V197 18.5-inch Monitor	V5J61AS
HP N270h 27-inch Monitor	2MW70A7
HP N240h 23.8-inch Monitor	2MW69A7
HP V214a 20.7-inch Monitor	1FR84AS
HP V270 27-inch Monitor	2KZ35A7
HP N246v 23.8-inch Monitor	1RM28A7
HP VH240a 23.8-inch Monitor	1KL30AS
HP V220 21.5-inch Monitor	4CJ27A7
HP LV2011 20-inch LED Backlit LCD Monitor	A3R82AA

Large Format Display

HP LD5512 4K UHD Conferencing Display	2YD85AA
HP LD4312 4K Large Format Display	3XE86AA
HP LD5512 4K UHD Conferencing Display	2YD85A8
HP LD4312 4K Large Format Display	3XE86A8
HP LD4312 4K Large Format Display	3XE86A7

Z Displays

HP Z24nf G2 23.8-inch Display	1JS07A8
HP Z32 31.5-inch 4K UHD Display	1AA81A4
HP Z32 31.5-inch 4K UHD Display	1AA81A8
HP Z24n G2 24-inch Display	1JS09A4
HP Z27 27-inch 4K UHD Display	2TB68A8
HP Z24n G2 24-inch Display	1JS09A8
HP Z43 42.5-inch 4K UHD Display	1AA85A4
HP Z24n G2 24-inch Display	1JS09AT
HP Z27n G2 27-inch Display	1JS10AT
HP Z27n G2 27-inch Display	1JS10A8
HP Z27 27-inch 4K UHD Display	2TB68AT
HP Z27 27-inch 4K UHD Display	2TB68A4
HP Z27n G2 27-inch Display	1JS10A4
HP Z43 42.5-inch 4K UHD Display	1AA85A8
HP Z24nf G2 23.8-inch Display	1JS07A4
HP DreamColor Z31x Studio Display	Z4Y82A4
HP Z38c 37.5-inch Curved Display	Z4W65A4
HP DreamColor Z27x G2 Studio Display	2NJ08A4
HP Z23n G2 23-inch Display	1JS06A4
HP Z22n G2 21.5-inch Display	1JS05A4
HP Z24i G2 24-inch Display	1JS08A4
HP DreamColor Z24x G2 Display	1JR59A4
HP Z24i G2 24-inch Display	1JS08A8
HP DreamColor Z31x Studio Display	Z4Y82AT
HP Z24i G2 24-inch Display	1JS08A7
HP Z22n G2 21.5-inch Display	1JS05AT
HP Z22n G2 21.5-inch Display	1JS05A7
HP Z38c 37.5-inch Curved Display	Z4W65A8

HP DreamColor Z27x G2 Studio Display	2NJ08AT
HP Z27n G2 27-inch Display	1JS10A7
HP Z24i G2 24-inch Display	1JS08AT
HP DreamColor Z31x Studio Display	Z4Y82A8
HP DreamColor Z24x G2 Display	1JR59A7
HP Z24nf G2 23.8-inch Display	1JS07A7
HP DreamColor Z31x Studio Display	Z4Y82A7
HP Z23n G2 23-inch Display	1JS06AT
HP DreamColor Z24x G2 Display	1JR59A8
HP Z23n G2 23-inch Display	1JS06A7
HP Z32 31.5-inch 4K UHD Display	1AA81A7
HP Z38c 37.5-inch Curved Display	Z4W65AT
HP Z22n G2 21.5-inch Display	1JS05A8
HP Z23n G2 23-inch Display	1JS06A8
HP DreamColor Z24x G2 Display	1JR59AT
HP DreamColor Z27x G2 Studio Display	2NJ08A8
HP Z24nf G2 23.8-inch Display	1JS07AT

Healthcare Edition Displays

HP Healthcare Edition HC270cr Clinical Review Monitor	1QW03A8
HP Healthcare Edition HC270cr Clinical Review Monitor	1QW03AA
HP Healthcare Edition HC241 Clinical Review Monitor	3ME68AA
HP Healthcare Edition HC241p Clinical Review Monitor	3ME69AA
HP Healthcare Edition HC271 Clinical Review Monitor	3ME70AA
HP Healthcare Edition HC271p Clinical Review Monitor	3ME71AA
HP Healthcare Edition HC241p Clinical Review Monitor	3ME69A8
HP Healthcare Edition HC241 Clinical Review Monitor	3ME68A8
HP Healthcare Edition HC271 Clinical Review Monitor	3ME70A8
HP Healthcare Edition HC271p Clinical Review Monitor	3ME71A8

EliteDisplays

HP EliteDisplay S14 14-inch Portable Display	3HX46A8	
HP EliteDisplay S14 14-inch Portable Display	3HX46AA	
HP EliteDisplay E243 23.8-inch Monitor Head Only	3XQ67AA	
HP EliteDisplay E242 24-inch Monitor	M1P02AA	obsolete
HP EliteDisplay S240uj 23.8-inch USB-C Wireless Charging Monitor	T7B66AA	obsolete

HP EliteDisplay E232 23-inch Monitor	M1N98AA	obsolete
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	7MP20AA	
HP EliteDisplay E273 27-inch Monitor	7MQ84AA	
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31AA	
HP EliteDisplay E223d 21.5-inch Docking Monitor	5VT82AA	
HP EliteDisplay E233 23-inch Monitor Head Only	2PD30AA	
HP EliteDisplay E243i 24-inch Monitor Head Only	3JM87AA	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AA	
HP EliteDisplay E202 20-inch Monitor	M1F41AA	
HP EliteDisplay E243i 24-inch Monitor	7MQ83AA	
HP EliteDisplay E233 23-inch Monitor	7MQ32AA	
HP EliteDisplay E233 23-inch Monitor	1FH46AA	
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA	
HP EliteDisplay E243 23.8-inch Monitor	7MQ82AA	
HP EliteDisplay E273q 27-inch Monitor	7MQ85AA	
HP EliteDisplay E223 21.5-inch Monitor	7MP21AA	
HP EliteDisplay E273 27-inch Monitor	1FH50AA	
HP EliteDisplay E243i 24-inch Monitor	1FH49AA	
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50AA	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA	
HP EliteDisplay E273m 27-inch Monitor	1FH51AA	
HP EliteDisplay E273q 27-inch Monitor	1FH52AA	
HP EliteDisplay S270n 27-inch 4k Micro Edge Monitor	2PD37AA	
HP EliteDisplay E222 21.5-inch Monitor	M1N96AA	obsolete
HP EliteDisplay E223 21.5-inch Monitor	1FH45AA	
HP EliteDisplay E220t 21.5-inch Touch Monitor	L4Q76AA	obsolete
HP EliteDisplay E243 23.8-inch Monitor	1FH47AA	
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30A8	
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46A8	
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50A8	
HP EliteDisplay E223 21.5-inch Monitor	1FH45A7	
HP EliteDisplay E243i 24-inch Monitor	1FH49AT	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A7	
HP EliteDisplay E273m 27-inch Monitor	1FH51AT	

HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30A7
HP EliteDisplay E202 20-inch Monitor	M1F41AS
HP EliteDisplay S270n 27-inch 4k Micro Edge Monitor	2PD37AT
HP EliteDisplay E243i 24-inch Monitor	1FH49A7
HP EliteDisplay E273m 27-inch Monitor	1FH51A7
HP EliteDisplay E243i 24-inch Monitor	1FH49A8
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AT
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AS
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50AS
HP EliteDisplay E223 21.5-inch Monitor	1FH45A8
HP EliteDisplay E233 23-inch Monitor	1FH46AS
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50A7
HP EliteDisplay E202 20-inch Monitor	M1F41A7
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AT
HP EliteDisplay E243 23.8-inch Monitor	1FH47A8
HP EliteDisplay E243 23.8-inch Monitor	1FH47AS
HP EliteDisplay E273 27-inch Monitor	1FH50AT
HP EliteDisplay E233 23-inch Monitor	1FH46A7
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AT
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13AT
HP EliteDisplay E273 27-inch Monitor	1FH50A7
HP EliteDisplay E273q 27-inch Monitor	1FH52A7
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31AT
HP EliteDisplay E233 23-inch Monitor	1FH46AT
HP EliteDisplay E243 23.8-inch Monitor	1FH47AT
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AS
HP EliteDisplay E243i 24-inch Monitor	1FH49AS
HP EliteDisplay S14 14-inch Portable Display	3HX46AT
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50AT
HP EliteDisplay E202 20-inch Monitor	M1F41A8
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A8
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AS
HP EliteDisplay E273m 27-inch Monitor	1FH51A8
HP EliteDisplay E273 27-inch Monitor	1FH50A8
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31AS
HP EliteDisplay E273m 27-inch Monitor	1FH51AS

HP EliteDisplay E273 27-inch Monitor	1FH50AS
HP EliteDisplay E202 20-inch Monitor	M1F41AT
HP EliteDisplay E243 23.8-inch Monitor	1FH47A7
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8
HP EliteDisplay S270n 27-inch 4k Micro Edge Monitor	2PD37A8
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13A7
HP EliteDisplay E273q 27-inch Monitor	1FH52AT
HP EliteDisplay E273q 27-inch Monitor	1FH52A8
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31A8
HP EliteDisplay E273q 27-inch Monitor	1FH52AS
HP EliteDisplay E223d 21.5-inch Docking Monitor	5VT82A8
HP EliteDisplay E233 23-inch Monitor	1FH46A8
HP EliteDisplay E223 21.5-inch Monitor	1FH45AS
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13A8
HP EliteDisplay E223 21.5-inch Monitor	1FH45AT
HP EliteDisplay E223d 21.5-inch Docking Monitor	5VT82AT

ProDisplays

HP ProDisplay P222c 21.5-inch Video Conferencing Monitor	L4J08AA
HP ProDisplay P203 20-inch Monitor	X7R53AA
HP ProDisplay P240va 23.8-inch Monitor	N3H14AA
HP ProDisplay P19A 19-inch LED Backlit Monitor	D2W67AA
HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	F4M97AA
HP ProDisplay P200 19.5-in LED Backlit Monitor	F7M92AA
HP ProDisplay P232 23-inch Monitor	K7X31AA
HP ProDisplay P223 21.5-inch Monitor	X7R61AA
HP ProDisplay P223 21.5-inch Monitor	X7R61A7
HP ProDisplay P203 20-inch Monitor	X7R53AT
HP ProDisplay P240va 23.8-inch Monitor	N3H14AS
HP ProDisplay P223 21.5-inch Monitor	X7R61A8
HP ProDisplay P203 20-inch Monitor	X7R53A8
HP ProDisplay P203 20-inch Monitor	X7R53A7
HP ProDisplay P19A 19-inch LED Backlit Monitor	D2W67A7
HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	F4M97A7
HP ProDisplay P223 21.5-inch Monitor	X7R61AT
HP ProDisplay P19A 19-inch LED Backlit Monitor	D2W67A8

HP ProDisplay P223 21.5-inch Monitor	X7R61AS	
HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	F4M97AS	
HP ProDisplay P203 20-inch Monitor	X7R53AS	
HP ProDisplay P232 23-inch Monitor	K7X31AS	
HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	F4M97AT	
HP ProDisplay P232 23-inch Monitor	K7X31A8	
HP ProDisplay P240va 23.8-inch Monitor	N3H14AT	
HP ProDisplay P232 23-inch Monitor	K7X31AT	
HP ProDisplay P223 21.5-inch Monitor	L4J08A7	
HP ProDisplay P240va 23.8-inch Monitor	N3H14A8	obsolete
HP ProDisplay P17A 17-inch 5:4 LED Backlit Monitor	F4M97A8	

Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66AA	
HP P204 19.5-inch Monitor	5RD65AA	
HP P174 17-inch Monitor	5RD64AA	
HP P204 19.5-inch Monitor	5RD65AT	
HP P174 17-inch Monitor	5RD64AT	
HP P174 17-inch Monitor	5RD64A8	
HP P204v 19.5-inch Monitor	5RD66A7	
HP P204 19.5-inch Monitor	5RD65A8	

Expansion Solution and Controller Cards

Port Adapters

HP HDMI Port Flex IO (400/600/800)	3TK74AA
HP Internal Serial Port (600/705/800)	3TK82AA
HP VGA Port Flex IO	3TK80AA
HP Type-C USB 3.1 Gen2 Port Flex IO	3TK78AA
HP PCIe x1 Parallel Port Card	N1M40AA
HP DisplayPort Port Flex IO	3TK72AA
HP USB to Serial Port Adapter	J7B60AA

PC Drives and Storage

PC Solid State Drives

HP PCIe NVME TLC 512GB SSD PCIe Drive	Z4L70AA
HP PCIe NVME TLC 256GB SSD M.2 Drive	1CA51AA
HP PCIe NVME TLC 512GB SSD M.2 Drive	X8U75AA
HP TLC 256 GB SATA SSD	P1N68AA
Intel Optane 280GB PCIe x4 Card Solid State Drive	4RV33AA

PC SATA Hard Drives

HP 500GB SATA 6Gb/s 7200 Hard Drive	LQ036AA
HP 1TB SATA 6Gb/s 7200 Hard Drive	LQ037AA
HP 500GB 7200rpm SATA (NCQ/Smart IV) 6.0 Gbp/s Hard Drive	QK554AA
HP 1TB 7200rpm SATA (NCQ/Smart IV) 6Gbp/s Hard Drive	QK555AA

PC DVD Drives

HP 16X SATA SuperMulti Black Drive	QS208AA
HP 9.5mm G3 800/600 Tower DVD Writer	1CA52AA

Removable Hard Drive Enclosure

HP Removable Hard Drive (Frame and Carrier) Enclosure	RY102AA
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Keyboards/Mice/Monitors and Input Devices

Keyboard and Mouse Kits

HP USB Bus Slim Keyboard/Mouse/Mousepad Kit	T4E63AA
HP USB Keyboard and Mouse Healthcare Edition	1VD81AA
HP USB Business Slim Antimicrobial Keyboard and Mouse	Z9H50AA
HP Wireless Slim Business Keyboard	N3R88AA
HP USB PS2 Washable Keyboard and Mouse	BU207AA

Mice

HP USB Grey v2 Mouse	Z9H74AA
HP USB Optical Scroll Mouse	QY777AA
HP USB 1000dpi Laser Mouse	QY778AA
HP PS/2 Mouse	QY775AA

Keyboards

HP USB Premium Keyboard	Z9N40AA
HP Business Slim Smartcard Keyboard	Z9H48AA
HP PS/2 Slim Business Keyboard	N3R86AA
HP USB (Gray) SmartCard CCID Keyboard	J7H70AA
HP USB (Grey) Business Slim Keyboard	Z9H49AA
HP Wireless Premium Keyboard	Z9N41AA
HP Backlit USB Mechanical Keyboard	4RV35AA
HP USB Slim Business Keyboard	N3R87AA

PC Controller/Controller Options

PC Processor Cards

Intel Ethernet I210-T1 GbE NIC	E0X95AA
Intel Ethernet I350-T2 2-Port 1Gb NIC	V4A91AA

Audio/Multimedia and Communication Devices

Headsets

HP HTC Vive Pro Full Kit VR System	4QU87AA
HP Business Headset v2	T4E61AA

Speakers

HP USB Business Speakers v2	N3R89AA
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Graphics Cards

Graphics Cards

AMD Radeon R7 430 2GB 2 DisplayPort Card	5JW81AA
NVIDIA GT 730 2GB DP Card	Z9H51AA
AMD Radeon R7 430 2GB DisplayPort VGA Card	5JW82AA
AMD Radeon RX550X 4GB LP DisplayPort Card	5LH79AA

Graphics Connectors/Adapters

HP UHD USB Graphics Adapter	N2U81AA
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Network Adapters

Wireless LAN

Realtek 8822BE 802.11ac PCIe x1 Card	3TK90AA
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Memory

DDR4 Memory

HP 16GB DDR4-2666 DIMM	3TK83AA
HP 4GB DDR4-2666 DIMM	3TK85AA
HP 8GB DDR4-2666 DIMM	3TK87AA

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP DVI to DVI Cable	DC198A
HP DisplayPort to DVI-D Adapter	FH973AA
HP DisplayPort Cable Kit	VN567AA
HP DisplayPort To VGA Adapter	AS615AA
HP DisplayPort to HDMI True 4K Adapter	2JA63AA

PC Cable Options

HP HDMI Standard Cable	T6F94AA
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Security and Protection

PC Locks

PC Accelerators

PC IO Accelerators

HP Thunderbolt 3 PCIe 2-port I/O Card

3UU05AA

HP Thunderbolt 3.0 PCIe Card

4CX35AA

Point of Sales System Options

POS Display Accessories

HP L5010ta

2KY27AA

HP Engage One 10.1-inch Touch Display

1XD81AA

HP Engage One W 10.1-inch Display

3FH66AA

HP L6015tm 15-inch Retail Touch Monitor

A1X78AA

HP Engage One 10.1-inch Display

1XD80AA

HP L7010t 10.1-inch Retail Touch Monitor

T6N30AA

HP L5015ta

2KY28AA

HP L7014t 14-inch Retail Touch Monitor

T6N32AA

HP L7016t 15.6-inch Retail Touch Monitor

V1X13AA

HP L6017tm 17-inch Retail Touch Monitor

A1X77AA

HP Engage One W 10.1-inch Touch Display

3FH67AA

HP L7014 14-inch Retail Monitor

T6N31AA

HP L6010 10.4-inch Retail Monitor

A1X76AA

HP L5015tm 15-inch Retail Touch Monitor

M1F94AA

HP Engage One W 10.1-inch Display

3FH66A8

HP L7010t 10.1-inch Retail Touch Monitor

T6N30A8

HP Engage One W 10.1-inch Touch Display

3FH67A7

HP L5015tm 15-inch Retail Touch Monitor

M1F94A8

HP L7016t 15.6-inch Retail Touch Monitor

V1X13A8

HP Engage One 10.1-inch Display

1XD81A7

HP Engage One W 10.1-inch Display

3FH66A7

HP L7014 14-inch Retail Monitor

T6N31A8

HP L7014t 14-inch Retail Touch Monitor

T6N32A8

HP Engage One W 10.1-inch Touch Display

3FH67A8

HP Engage One 10.1-inch Display

1XD80A7

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