



HP Z2 Small Form Factor G4 Workstation (7ZE33UT)

Overview

Custom-build it on our most powerful small form factor



Get high-end performance in a compact device. Take on 3D design projects and work in multiple pro apps with ease. And with near endless configuration options, it's the ideal hardware if you need a custom solution.

Take processing to record speeds

Crush demanding single and multi-threaded workflows and take on aggressive multi-tasking without throttling. We redesigned our proprietary motherboard to give you full performance, while keeping components running cool and quiet.

Safeguard your data. Protect your privacy.

Advanced security features come standard on every Z2 Small Form Factor. System safeguards like HP Client Security Suite Gen3[1] and HP Sure Start Gen4[2] - the industry's first self-healing BIOS - mean your device is locked down tight, so your data and identity are too.

Forget off the shelf. Make it your own.

Build a system matched exactly to your needs with over a million possible configurations. Keep clear of messy dongles and adapters—with customizable I/O ports you can support new, legacy and specialized equipment.

Features

Self-encrypting drives

With optional self-encryption drives, you have confidence knowing that if your storage device falls into the wrong hands, your valuable IP cannot be accessed.^[7]

[1] Requires Windows and Intel® or AMD 7th or 8th generation processors.

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

[7] Sold separately or as an optional feature.

Specifications

Operating system	Windows 10 Pro 64
Processor family	9th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-9500 with Intel® UHD Graphics 630 (3.0 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) ^[6,7]
Chipset	Intel® C246
Memory	8 GB DDR4-2666 SDRAM (1 x 8 GB)
Memory Slots	4 DIMM
Internal Storage	1 TB 7200 rpm SATA
Internal drive bays	One 2.5"; One 3.5"; Two M.2 NVME 2280 SSD
External drive bays	One 3.5" HDD
Optical drive	9.5 mm Slim DVD-Writer
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Compatible displays	All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays
Minimum dimensions (W x D x H)	33.8 x 38.1 x 10 cm (Standard desktop orientation.)
Minimum dimensions (W x D x H)	13.3 x 15 x 3.95 in (Standard desktop orientation.)
Weight	Starting at 5.7 kg (Exact weight depends on configuration.)
Weight	Starting at 12.66 lb (Exact weight depends on configuration.)
Keyboard	HP USB Business Slim Keyboard
Pointing device	HP USB Optical Mouse
Ports	1 headphone/microphone combo; 1 USB 2.0 (charging); 2 USB 3.0; 1 USB 3.1 Gen 2 Type-C™ (charging) ^[9] (1 USB 3.0 and 2 USB 2.0 ports available as 2 separate 2 x 10 (3.0 x 1, 2.0 x 1) and 2 x 5 (2.0 x 2) header. Supports one HP Internal USB 2.0 Port Kit and one USB 3.0 media card reader.)
Expansion slots	2 M.2 PCIe 3 x4; 1 PCIe Gen 3 x16; 2 PCIe 3 x1 (x4 open ended connector); 2 PCIe 3 x4 (x16 connector)
Ports	1 audio-in; 1 audio-out; 1 DVI-I single link; 1 RJ-45; 2 DisplayPort™ 1.2; 2 USB 2.0; 4 USB 3.0
Ports	1 USB 3.0; 2 USB 2.0
Ports	Flex I/O

Power	310 W internal power adapter, up to 90% efficiency, active PFC; 250 W internal power adapter, up to 92% efficiency, active PFC; 400 W internal power adapter, up to 90% efficiency, active PFC
Environmental	Low halogen
Security management	HP Business PC Security Lock Kit; HP Keyed Cable Lock Kit; HP Solenoid Hood Lock and Sensor; HP UltraSlim Cable Lock Kit; HP Client Security Suite Gen 4; HP Sure Start Gen 4; HP Sure Run; HP Sure Click; HP BIOSphere Gen4 ^[9,22,24,25,26,27]

Additional specifications

Accessories	6 TB SATA 7200 rpm 6 Gb/s 3.5" HDD - 3DH90AA; 16 GB (1 x 16 GB) DDR4-2666 nECC Unbuffered RAM - 3PL82AA; HP Z2 SFF G4 Dust Filter - 3TQ23AA; HP Z24n G2 24-inch Display - 1JS09A8; HP 5 year Next Business Day Onsite HW Support w/Defective Media Retention for Workstations - U1G57E.
External I/O ports footnote number	[14]
Graphic card footnote number	[12]
Graphics	Integrated
Graphics (discrete)	Intel® UHD Graphics 630
I/O Port location	Front
I/O Port location	Optional
I/O Port location	Back
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; 1 TB HDD storage
Processor speed	3 GHz
Quickspec	http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c05987487
Standard memory note	Transfer rates up to 2666 MT/s.
Storage acceleration	16 GB PCIe® NVMe™ Intel® Optane™ Memory for storage acceleration ^[38]
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 type	HDD
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.

[9] Optional or add-on feature

[22] HP BIOSphere Gen4 features may vary depending on the PC platform and configurations requires 8th Gen Intel® processors.

[24] HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.

[25] HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer and Chromium™. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all

compatible platforms as they become available.

[26] HP Sure Start Gen4 is available on HP Workstation products equipped with Intel® 8th generation processors.

[27] HP Sure Run is available on HP Workstations products equipped with 8th generation Intel® or AMD® processors.

[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

EliteDisplays

HP EliteDisplay E273q 27-inch Monitor	1FH52AA
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13AA
HP EliteDisplay E233 23-inch Monitor	1FH46A7
HP EliteDisplay E243i 24-inch Monitor	1FH49AT
HP EliteDisplay E230t 23-inch Touch Monitor Head Only	W2Z50U9
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA
HP EliteDisplay E243i 24-inch Monitor	1FH49AA
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AT
HP EliteDisplay E223 21.5-inch Monitor	1FH45AS
HP EliteDisplay E243 23.8-inch Monitor	1FH47AT
HP EliteDisplay E243 23.8-inch Monitor Head Only	1FH47U9
HP EliteDisplay E233 23-inch Monitor	1FH46A8
HP EliteDisplay E273 27-inch Monitor	1FH50AS
HP EliteDisplay E243 23.8-inch Monitor	1FH47A8
HP EliteDisplay E273q 27-inch Monitor	1FH52AS
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A8
HP EliteDisplay E243 23.8-inch Monitor	1FH47A7
HP EliteDisplay E223 21.5-inch Monitor	1FH45A7
HP EliteDisplay E273q 27-inch Monitor	1FH52AT
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AT
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AT
HP EliteDisplay E273 27-inch Monitor	1FH50A7
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50AS
HP EliteDisplay E243i 24-inch Monitor	1FH49A8
HP EliteDisplay E273m 27-inch Monitor Head Only	1FH51U9
HP EliteDisplay E273m 27-inch Monitor	1FH51A8
HP EliteDisplay E243 23.8-inch Monitor	1FH47AA
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AS
HP EliteDisplay E202 20-inch Monitor	M1F41A7

HP EliteDisplay E243i 24-inch Monitor	1FH49AS
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AA
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AC
HP EliteDisplay E273 27-inch Monitor	1FH50A8
HP EliteDisplay E273m 27-inch Monitor	1FH51AS
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76U9
HP EliteDisplay E273q 27-inch Monitor	1FH52A7
HP EliteDisplay E273m 27-inch Monitor	1FH51AA
HP EliteDisplay E202 20-inch Monitor	M1F41AS
HP EliteDisplay S270n 27-inch 4k Micro Edge Monitor	2PD37AA
HP EliteDisplay E233 23-inch Monitor	1FH46AT
HP EliteDisplay E233 23-inch Monitor	1FH46AS
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50A8
HP EliteDisplay E273m 27-inch Monitor	1FH51AT
HP EliteDisplay E202 20-inch Monitor	M1F41AA
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AP
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30AA
HP EliteDisplay E202 20-inch Monitor	M1F41A8
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50AT
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50A7
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46A8
HP EliteDisplay E243m 23.8-inch Monitor Head Only	1FH48U9
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30A8
HP EliteDisplay E223 21.5-inch Monitor Head Only	1FH45U9
HP EliteDisplay E273 27-inch Monitor Head Only	1FH50U9
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13A7
HP EliteDisplay E243i 24-inch Monitor Head Only	1FH49U9
HP EliteDisplay E273 27-inch Monitor	1FH50AT
HP EliteDisplay E243i 24-inch Monitor	1FH49A7
HP EliteDisplay E190i 18.9-inch LED Backlit IPS Monitor	E4U30A7
HP EliteDisplay S340c 34-inch Curved Monitor	V4G46AS
HP EliteDisplay E223 21.5-inch Monitor	1FH45A8
HP EliteDisplay E230t 23-inch Touch Monitor	W2Z50AA
HP EliteDisplay E243m 23.8-inch Monitor	1FH48A7
HP EliteDisplay E223 21.5-inch Monitor	1FH45AT

HP EliteDisplay E202 20-inch Monitor	M1F41AT	
HP EliteDisplay S270n 27-inch 4k Micro Edge Monitor	2PD37AT	
HP EliteDisplay E223 21.5-inch Monitor	1FH45AA	
HP EliteDisplay E233 23-inch Monitor Head Only	1FH46U9	
HP EliteDisplay E273m 27-inch Monitor	1FH51A7	
HP EliteDisplay E243 23.8-inch Monitor	1FH47AS	
HP EliteDisplay E273q 27-inch Monitor	1FH52A8	
HP EliteDisplay E273q 27-inch Monitor Head Only	1FH52U9	
HP EliteDisplay E273 27-inch Monitor	1FH50AA	
HP EliteDisplay E202 20-inch Monitor Head Only	M1F41U9	
HP EliteDisplay E243m 23.8-inch Monitor	1FH48AS	
HP EliteDisplay S270n 27-inch 4k Micro Edge Monitor	2PD37A8	
HP EliteDisplay E233 23-inch Monitor	1FH46AA	
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13A8	
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31A8	
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31AT	
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13AT	
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31AS	
HP EliteDisplay E243 23.8-inch Monitor Head Only	3XQ67AA	
HP EliteDisplay E232 23-inch Monitor	M1N98AA	obsolete
HP EliteDisplay E243i 24-inch Monitor	7MQ83AA	
HP EliteDisplay E243d 23.8-inch Docking Monitor	7MP20AA	
HP EliteDisplay E243i 24-inch Monitor Head Only	3JM87AA	
HP EliteDisplay E273 27-inch Monitor	7MQ84AA	
HP EliteDisplay E233 23-inch Monitor	7MQ32AA	
HP EliteDisplay E222 21.5-inch Monitor	M1N96AA	obsolete
HP EliteDisplay E233 23-inch Monitor Head Only	2PD30AA	
HP EliteDisplay E273q 27-inch Monitor	7MQ85AA	
HP EliteDisplay S240uj 23.8-inch USB-C Wireless Charging Monitor	T7B66AA	obsolete
HP EliteDisplay E223 21.5-inch Monitor	7MP21AA	
HP EliteDisplay E324q 31.5-inch QHD Monitor	5DP31AA	
HP EliteDisplay E243 23.8-inch Monitor	7MQ82AA	
HP EliteDisplay E242 24-inch Monitor	M1P02AA	obsolete
HP EliteDisplay E220t 21.5-inch Touch Monitor	L4Q76AA	obsolete

Z Displays

HP Z32 31.5-inch 4K UHD Display	1AA81A8
HP Z27 27-inch 4K UHD Display	2TB68A8
HP Z22n G2 21.5-inch Display	1JS05A4
HP DreamColor Z27x G2 Studio Display	2NJ08A4
HP DreamColor Z31x Studio Display	Z4Y82AT
HP DreamColor Z31x Studio Display	Z4Y82A4
HP Z24n G2 24-inch Display	1JS09A4
HP Z27n G2 27-inch Display	1JS10A7
HP Z38c 37.5-inch Curved Display	Z4W65AT
HP Z23n G2 23-inch Display	1JS06AT
HP DreamColor Z24x G2 Display	1JR59A7
HP DreamColor Z27x G2 Studio Display	2NJ08A8
HP Z24i G2 24-inch Display	1JS08A7
HP Z38c 37.5-inch Curved Display	Z4W65A4
HP Z24nf G2 23.8-inch Display	1JS07AT
HP Z24nf G2 23.8-inch Display	1JS07A7
HP Z27n G2 27-inch Display	1JS10A8
HP Z24n G2 24-inch Display	1JS09AT
HP Z27n G2 27-inch Display	1JS10A4
HP Z23n G2 23-inch Display	1JS06A7
HP DreamColor Z24x G2 Display	1JR59A4
HP Z27 27-inch 4K UHD Display	2TB68A4
HP Z43 42.5-inch 4K UHD Display	1AA85A4
HP Z23n G2 23-inch Display	1JS06A8
HP Z24nf G2 23.8-inch Display	1JS07A4
HP Z24nf G2 23.8-inch Display	1JS07A8
HP Z43 42.5-inch 4K UHD Display	1AA85A8
HP DreamColor Z27x G2 Studio Display	2NJ08AT
HP DreamColor Z24x G2 Display	1JR59A8
HP Z24i G2 24-inch Display	1JS08A8
HP Z22n G2 21.5-inch Display	1JS05AT
HP Z24n G2 24-inch Display	1JS09A8
HP DreamColor Z31x Studio Display	Z4Y82A7
HP Z22n G2 21.5-inch Display	1JS05A8
HP Z24i G2 24-inch Display	1JS08A4
HP Z22n G2 21.5-inch Display	1JS05A7

HP DreamColor Z31x Studio Display	Z4Y82A8	
HP Z24i G2 24-inch Display	1JS08AT	
HP Z27n G2 27-inch Display	1JS10AT	
HP Z32 31.5-inch 4K UHD Display	1AA81A4	
HP Z27 27-inch 4K UHD Display	2TB68AT	
HP DreamColor Z24x G2 Display	1JR59AT	
HP Z23n G2 23-inch Display	1JS06A4	
HP Z38c 37.5-inch Curved Display	Z4W65A8	
HP Z32 31.5-inch 4K UHD Display	1AA81A7	

Healthcare Edition Displays

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

Large Format Display

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

Value Displays

HP V243 24-inch Monitor	V5J53AA	
CPQ B201 19.5-inch Display	T5D85AA	obsolete
HP V22b Monitor	2XM33AA	
HP V24b Monitor	2XM34AA	
HP VH22 22-inch Class Monitor	V9E67AA	
HP VH27 27-inch Monitor	2KZ36AA	

HP V14 14-inch Portable Monitor	3TN62A8	
HP V244a 23.8-inch Monitor	Z8W49A6	
HP V223 21.5-inch Monitor	V5G70AA	
HP V270 27-inch Monitor	2KZ35AA	
HP N246v 23.8-inch Monitor	1RM28A7	
HP VH27 27-inch Monitor	2KZ36A6	
HP VH24 23.8-inch Monitor	M1T03AA	
HP N223v 21.5-inch Monitor	1RM23AA	
HP N246v 23.8-inch Monitor	1RM28AA	
HP V220 21.5-inch Monitor	4CJ27AA	
HP V244h 23.8-inch Monitor	W1Y58AA	
HP VH22 22-inch Class Monitor	V9E67A6	
HP P244 23.8-inch Monitor	5QG35A8	
HP P224 21.5-inch Monitor	5QG34A8	
HP VH27 27-inch Monitor	3PL18AT	
HP V220 21.5-inch Monitor	4CJ27A7	
HP P224 21.5-inch Monitor	5QG34AT	
HP V270 27-inch Monitor	2KZ35A7	
HP P244 23.8-inch Monitor	5QG35AT	
HP P224 21.5-inch Monitor	5QG34AA	
HP V270 27-inch Monitor	3PL17AA	
HP VH24 23.8-inch Monitor	6FE27AA	
HP P241v 23.8-inch Monitor	6CQ79AA	
HP N246v 23.8-inch Monitor	3NS59AA	
HP VH27 27-inch Monitor	3PL18AA	
HP N223 21.5-inch Monitor	3WP71AA	
HP P244 23.8-inch Monitor	5QG35AA	
HP N223v 21.5-inch Monitor	4AM19AA	
HP VH22 22-inch Class Monitor	X0N05AA	
HP N270c 27-inch Curved Display	Y6J31AA	obsolete

ProDisplays

HP ProDisplay P240va 23.8-inch Monitor	N3H14AT	
HP ProDisplay P203 20-inch Monitor	X7R53A7	
HP ProDisplay P240va 23.8-inch Monitor	N3H14AA	
HP ProDisplay P232 23-inch Monitor	K7X31AS	

HP ProDisplay P222c 21.5-inch Video Conferencing Monitor	L4J08AA	
HP ProDisplay P223 21.5-inch Monitor	X7R61AT	
HP ProDisplay P232 23-inch Monitor	K7X31A8	
HP ProDisplay P240va 23.8-inch Monitor	N3H14A5	
HP ProDisplay P232 23-inch Monitor	K7X31AC	
HP ProDisplay P203 20-inch Monitor	X7R53AA	
HP ProDisplay P203 20-inch Monitor	X7R53AT	
HP ProDisplay P240va 23.8-inch Monitor	N3H14A8	obsolete
HP ProDisplay P203 20-inch Monitor	X7R53AS	
HP ProDisplay P223 21.5-inch Monitor	L4J08A7	
HP ProDisplay P200 19.5-in LED Backlit Monitor	F7M92AA	
HP ProDisplay P232 23-inch Monitor	K7X31AT	
HP ProDisplay P232 23-inch Monitor	K7X31AA	
HP ProDisplay P203 20-inch Monitor	X7R53A8	
HP ProDisplay P223 21.5-inch Monitor	X7R61A8	
HP ProDisplay P223 21.5-inch Monitor	X7R61A7	
HP ProDisplay P223 21.5-inch Monitor	X7R61AA	
HP ProDisplay P223 21.5-inch Monitor	X7R61A5	

Business LCD Monitors

HP P204 19.5-inch Monitor	5RD65AT
HP P204 19.5-inch Monitor	5RD65A8
HP P204 19.5-inch Monitor	5RD65AA

Accessories

Security and Protection

PC Locks

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

Graphics Cards

Graphics Cards

AMD Radeon Pro WX 3200 4GB (4)mDP GFX	6YT68AA	
NVIDIA Quadro P1000 MXM kit	3TQ30AA	
NVIDIA Quadro P400 2GB Graphics	1ME43AA	
NVIDIA Quadro P620 2GB Graphics Card	3ME25AT	
NVIDIA Quadro P620 2GB Graphics Card	3ME25AA	
NVIDIA Quadro P400 2GB Graphics	1ME43AT	
AMD Radeon Pro WX 4100 4GB Graphics Card	Z0B15AA	
NVIDIA Quadro P1000 4GB Graphics	1ME01AA	
NVIDIA Quadro K2200 4GB Graphics Card	J3G88AT	obsolete
AMD Radeon Pro WX 4100 4GB Graphics Card PROMO	Z0B15AT	
NVIDIA Quadro P1000 4GB Graphics	1ME01AT	
AMD Radeon Pro WX 3100 4GB Graphics Card PROMO	2TF08AT	
AMD Radeon Pro WX 3100 4GB Graphics Card	2TF08AA	

PC Drives and Storage

PC Solid State Drives

Z Turbo Drive 1TB TLC (Z2 G4) SSD	6EU84AT
HP 1TB Solid State Drive	F3C96AA
HP Z Turbo Drive G2 2TB TLC (Z2 MB)	3KP45AA
HP Z Turbo Drive 256GB SED TLC (Z2 G4) SSD Kit	5RR61AA
HP 512GB SATA Solid State Drive	D8F30AA
HP 512GB SATA SED SSD	N8T26AA
Intel Optane SSD 900p 480GB AiC	2SC48AA
HP 1TB Solid State Drive	F3C96AT
Intel Optane SSD 900p 280GB AiC	2SC47AA

HP Z Turbo Drive 512GB SED TLC (Z2 G4) SSD Kit	5RR62AA
--	---------

Z Turbo Drive 1TB TLC (Z2 G4) SSD	6EU84AA
-----------------------------------	---------

HP 512GB SATA Solid State Drive	D8F30AT
---------------------------------	---------

HP Z Turbo Drive 512GB TLC (Z2 G4) SSD	6EU83AT
--	---------

HP Z Turbo Drive 256GB TLC (Z2 G4) SSD	6EU82AA
--	---------

HP Z Turbo Drive 512GB TLC (Z2 G4) SSD	6EU83AA
--	---------

HP Z Turbo 1TB SED (Z2 G4) TLC SSD Kit	6YT77AA
--	---------

HP 256GB SATA Solid State Drive	A3D26AA
---------------------------------	---------

HP Z Turbo Drive 256GB TLC (Z2 G4) SSD	6EU82AT
--	---------

HP 256GB SATA SED Opal2 Solid State Drive	G7U67AA
---	---------

HP 256GB SATA Solid State Drive	A3D26AT
---------------------------------	---------

PC SATA Hard Drives

HP 2TB SATA SSD	Y6P08AA
-----------------	---------

HP 500GB SATA 6Gb/s 7200 Hard Drive	LQ036AA
-------------------------------------	---------

HP 1TB Enterprise SATA 7200 HDD	W0R10AA
---------------------------------	---------

HP 6TB Enterprise SATA 7200 HDD	3DH90AA
---------------------------------	---------

HP 500GB 7200rpm SATA SFF SED Hard Drive	D8N29AA
--	---------

HP 1TB SATA 6Gb/s 7200 Hard Drive	LQ037AA
-----------------------------------	---------

HP 2TB SATA 6Gb/s 7200 Hard Drive	QB576AA
-----------------------------------	---------

HP 4TB SATA 7200 Hard Drive	K4T76AA
-----------------------------	---------

Personal Media Storage

HP SD Card Reader	Y0L99AA
-------------------	---------

HP SD 4 Card Reader Zx G4	2VK54AA
---------------------------	---------

Blu-ray Drives

HP 9.5mm Slim BDXL Blu-Ray Writer Drive	K3R65AA
---	---------

PC DVD Drives

HP 9.5mm Slim DVD Writer	2ZK26AA
--------------------------	---------

HP HH DVD Writer (16X RW DVD-R)	4AR67AA
---------------------------------	---------

Removable Hard Drive Enclosure

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

PC DVD-ROM Drives

HP 9.5mm Slim DVD-ROM Optical Drive	K3R63AA
-------------------------------------	---------

Keyboards/Mice/Monitors and Input Devices

Keyboards

HP USB Slim Business Keyboard	N3R87AA
HP USB Premium Keyboard	Z9N40AT
HP USB Premium Keyboard	Z9N40AA
HP PS/2 Slim Business Keyboard	N3R86AA
HP Wireless Premium Keyboard	Z9N41AA
HP Business Slim Smartcard Keyboard	Z9H48AA
HP Wireless Premium Keyboard	Z9N41AT

Mice

HP USB Optical Scroll Mouse	QY777AT
3Dconnexion CadMouse	M5C35AA
HP PS/2 Mouse	QY775AT
HP USB Optical 2.9M Mouse	Z3Q64AA

Keyboard and Mouse Kits

HP Wireless Slim Business Keyboard	N3R88AA
------------------------------------	---------

Chassis and Chassis Accessories

Brackets/Bezels/Panels

HP Z2 Tower G4 Dust Filter and Bezel	4KY89AA
HP Z2 SFF G4 Dust Filter	3TQ23AA
HP Z2 SFF G4 Dust Filter and Bezel	4KY90AA

PC Controller/Controller Options

PC Processor Cards

Intel Ethernet I350-T2 2-Port 1Gb NIC	V4A91AA
Aquantia NBASE-T 5GbE PCIe NIC	1PM63AA
Intel Ethernet I350-T4 4-Port 1Gb NIC	W8X25AA

Memory

DDR4 Memory

HP 4GB(1x4GB) DDR4-2666 nECC RAM	3TQ31AA
HP 8GB (1x8GB) DDR4-2666 ECC Unbuff RAM	3TQ39AT
HP 16GB (1x16GB) DDR4-2666 nECC RAM	3PL82AA
HP 4GB(1x4GB) DDR4-2666 nECC RAM	3TQ31AT
HP 32GB (1x32GB) DDR4-2666 ECC Unbuff RAM	6FR92AT
HP 32GB (1x32GB) DDR4-2666 ECC Unbuff RAM	6FR92AA
HP 16GB (1x16GB) DDR4-2666 ECC Unbuff RAM	3TQ40AA
HP 8GB (1x8GB) DDR4-2666 ECC Unbuff RAM	3TQ39AA
HP 8GB (1x8GB) DDR4-2666 nECC RAM	3PL81AA
HP 16GB (1x16GB) DDR4-2666 ECC Unbuff RAM	3TQ40AT
HP 32GB (1x32GB) DDR4-2666 nECC Unbuff RAM	6FR91AA
HP 32GB (1x32GB) DDR4-2666 nECC Unbuff RAM	6FR91AT

Cache Memory

16 GB Intel Optane Memory	2EB68AA
---------------------------	---------

Point of Sales System Options

POS Display Accessories

HP L7014t 14-inch Retail Touch Monitor	T6N32AA
HP L6015tm 15-inch Retail Touch Monitor	A1X78AA
HP L7014 14-inch Retail Monitor	T6N31AA
HP L5015ta	2KY28AA
HP L6010 10.4-inch Retail Monitor	A1X76AA
HP L7010t 10.1-inch Retail Touch Monitor	T6N30AA
HP L7016t 15.6-inch Retail Touch Monitor	V1X13AA
HP L6017tm 17-inch Retail Touch Monitor	A1X77AA
HP L7016t 15.6-inch Retail Touch Monitor	V1X13A8
HP L7014t 14-inch Retail Touch Monitor	T6N32A8
HP L7014 14-inch Retail Monitor	T6N31A8
HP L7010t 10.1-inch Retail Touch Monitor	T6N30A8

Cables/Cable Kits/Cable Adapters

Data Transfer Cables

Intel 10GbE SFP+ SR Transceiver	C3N53AA
---------------------------------	---------

Cable Adapters

HP USB-C to DP Adapter	4SH08AA
HP miniDP-to-DP Adapter Cables (Bulk 12)	2KW87A6
HP USB-C to VGA Adapter	4SH06AA
HP Single miniDP-to-DP Adapter Cable	2MY05AA
HP USB-C to HDMI Adapter	4SH07AA

PC Cable Options

HP 2.5-in to 3.5-in HDD Adapter Kit	J5T63AA
-------------------------------------	---------

Audio and Video Cables

HP DisplayPort to DVI-D Adapter	FH973AA
HP DisplayPort To VGA Adapter	AS615AA

Port Cables and Cable Adapters

HP Internal USB Port Kit	EM165AA
--------------------------	---------

Expansion Solution and Controller Cards

Port Adapters

HP PCIe x1 Parallel Port Card	N1M40AA
HP Z2 Front USB-C 3.1 Port	4KY85AA
HP USB-C 3.1 Alt DP Flex Port	4KY84AA
HP LAN Flex Port	3TQ26AA
HP 800/600/400 G3 Serial/ PS/2 Adapter	1VD82AA
HP Internal Serial Port (600/705/800)	3TK82AA
HP Serial Port Adapter	PA716A
HP HDMI Port Flex IO (400/600/800)	3TK74AA
HP Type-C USB 3.1 Gen2 Port Flex IO	3TK78AA
HP DisplayPort Port Flex IO	3TK72AT
HP DisplayPort Port Flex IO	3TK72AA
HP VGA Port Flex IO	3TK80AA

PC Accelerators

PC IO Accelerators

HP Thunderbolt 3.0 PCIe Card	4CX35AA
------------------------------	---------

Network Adapters

Adapter Cards

Intel X550 10GBASE-T Dual Port NIC

1QL46AA

Intel X710-DA2 10GbE SFP+ DP NIC

1QL47AA

Application Software

Desktop Application Software

MS Office Home and Business 2019 for PC 6MW82AA	6MW82AA
Microsoft Office Home and Student 2019 for PC	6MW81AA
Microsoft Office 365 Personal 6MW79AA	6MW79AA
Microsoft Office 365 Home 6MW78AA	6MW78AA
Microsoft Office 365 Business Premium	6MW80AA

Solutions

Virtual Reality Solutions

Virtual Reality Solutions

Virtual Reality Solutions Overview	VRSOVERVIEW
------------------------------------	-------------

OEM Solutions

OEM Solutions

OEM Solutions	OEMSOLUTIONS
---------------	--------------

Security Solutions

Computer Security

Computer Security	HPCOMPSECURE
-------------------	--------------

Industries

Education

Education

Higher Education	HPHIEDUOVERVIEW
Education K-12	HPEDUSOVERVIEW

Financial Services and Insurance

Financial and Insurance

Financial Services and Insurance	HPFSISGOVVIEW
----------------------------------	---------------

Government

Government

Government Overview	HPGOVSOVERVIEW
---------------------	----------------

Architecture/Engineering and Construction

Architecture/Engineering and Construction

Architecture/Engineering and Construction Overview	AECOVERVIEW
--	-------------

Retail

Retail

Retail Overview	HPINDRETAILOVERVIEW
-----------------	---------------------

Disclaimer — Copyright

Intel, Xeon, Core, Thunderbolt, and Intel vPro are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Bluetooth is a trademark of its proprietor and used by HP Inc. under license. 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. The NVIDIA logo and Quadro are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. All other trademarks are the property of their respective owners.

© Copyright 2018 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.