ProductSheet

HP Z2 Tower G9 Workstation (B6AL9UA)

Pro-power. Today and tomorrow

Experience a whole new level of performance for your professional workflow. The Z2 Tower is engineered to seamlessly run multi-threaded apps for fast rendering, simulation, and now real-time ray tracing. And when your demands change, you have impressive expandability to upgrade.



Your new benchmark for entry workstation power

Designed for zero throttling so you can render, simulate, and real-time ray trace without overheating or lags.

Built to expand. Power to grow

With room to expand and tool-less access, you can easily upgrade and add components as your needs evolve.

ISV Certified

Work with confidence knowing your PC is certified with leading software applications to ensure peak performance[3]

Featuring

HP recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11 and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot. [4]

Intel® Core™ i9 processor

Get high-end performance for intensive tasks like rendering and video editing with the Intel $^{\circ}$ Core $^{\text{TM}}$ i9 processor. $^{[5]}$

Smaller, Functional Design

The stunning new design features front and rear ledges, so you can easily move your system from location to location.

Tool-less Access

Evolve your work. Evolve your rig. With a tool-less sliding access cover, you can easily get into the the interior, and customize your Z to fit your needs.

Thermal Management

Innovatively designed to keep hardware components cool and quiet no matter how hard you push it. Have confidence to run your system at max load.

Specifications

Processor family Intel® Core® 1514th generation processor Intel® Core® 1514th generation processor Intel® Core® 1514900K (up to 6.0 GHz with Intel® Turbo Boost Technology, 36 MB L3 cache, 24 cores, 32 threads) (6.7) Chipset Intel® W680 Memory 56 66 BD DBR-4800 MT/s (2 x 32 GB) Memory 50t5 4 DINM Internal Storage 2 TB HP Z Turbo Drive PCIe® NUME® TLC M. 2 SSD Hard drive (2nd) 2 TB HP Z Turbo Drive PCIe® NUME® TLC M. 2 SSD Hard drive (2nd) 2 TB HP Z Turbo Drive PCIe® Cent TLC M. 2 SSD External drive bays One 2.5° HDD; Two 3.5° HDD; Three M. 2 NVME 2280 SSD External drive bays One sim ODD; One 5.25° DDD Graphics Discrete Graphics Discrete Graphics Integrated Integrated Integrated Integrated Integrated Integrated Rabibasy All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Addio Realtek ALC 2205-VA2-C6, 2.0W Internal mono speaker Dimensions (W x D x H) (Scandard tower orientation.) Starting at 3.2 Ks (Scandard tower orientation.) Weight Starting at 3.2 Ks (Scandard tower orientation.) Weight Starting at 3.2 Ks (Scandard tower orientation.) Weight Starting at 3.2 Ks (Scandard tower orientation.) File 3 xs (As Commettor): 1 PCIe 3 xs (xs 4 connector): 1 PCIe 3 xs (xs 4 connector): 1 PCIe 3 xs (xs 6 connector): 1 PCIe 3 x	Operating system	Windows 11 Pro ^[1]	
Intel® Core™ 19-14900K (up to 6.0 GHz with Intel® Turbo Boost Technology, 36 MB L3 cache, 24 cores, 32 threads) Is.71			
Memory 64 GB DRS-4800 MT/s (2 x 32 GB) Memory Slots 4 DIMM Internal Storage 2 TB HP Z Turbo Drive PCIe® NVMe™TLC M.2 SSD Hard drive (2nd) 2 TB HP Z Turbo Drive PCIe® Gen4 TLC M.2 SSD Internal drive bays One 2.5" HDD; Two 3.5" HDD; Three M.2 NVME 2280 SSD External drive bays One SII m DDD; One 5.25" DDD Graphics Discrete Graphics (discrete) N VDIA® GeForce RTX™ 4080 SUPER (16 GB GDDR6X dedicated) Graphics (integrated) Integrated Graphics (integrated) Intel® UHD Graphics 770 Compatible displays All HP 2 Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Realtek ALC3205-VA2-CG, 2.0W Internal mono speaker Dimensions (W X D x H) 35.6 x 16.9 x 38.5 cm Compatible displays All HP 2 Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Realtek ALC3205-VA2-CG, 2.0W Internal mono speaker Dimensions (W X D x H) 35.6 x 16.9 x 38.5 cm Stanting at 1.3 x 10 transparence of the Carter William of	- ·	Intel® Core™ i9-14900K (up to 6.0 GHz with Intel® Turbo Boost Technology, 36 MB L3 cache, 24 cores, 32 threads)	
Memory Slots	Chipset	Intel® W680	
Internal Storage 2 TB HP Z Turbo Drive PCIe® NUMe™TLC M.2 SSD Hard drive (2nd) 2 TB HP Z Turbo Drive PCIe® Gen A TLC M.2 SSD Internal drive bays One 2.5° HDD; Throe M.2 NVME 2280 SSD External drive bays One slim 0DD; One 5.25° ODD Graphics Discrete Graphics (discrete) NVIDIA® Gencre RTX™ 4080 SUPER (16 GB GDDR6X dedicated) Graphics (Integrated) Inte® UHD Graphics 770 Compatible displays All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Reatlek ALC 3205-Va2-CC, 2.0w Internal mono speaker Dimensions (W x D x H) 35.6 x 16.9 x 38.5 cm (Standard tower orientation.) Dimensions (W x D x H) 14 x 6.7 x 15.2 in (Standard tower orientation.) Weight Starting at 6.2 kg (Exact weight depends on configuration.) Weight Starting at 3.7 lb (Exact weight depends on configuration.) Keyboard HP 125 Wired Keyboard Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Expansionslots 1 PCIG 3 x4 k(16 connector); 1 PCIG 3 x4 (k4 connector); 1 PCIG 3 x4 (k4 connector); 1 PCIG 5 x16 (x16 connector); 1 PCIG 5 x16 (x16 connector); 1 PCIG 3 x4 (k4 connector); 1 PCIG 5 x16 (x16 connector); 1 PCIG 5 x16 (x16 connector); 1 PC	Memory	64 GB DDR5-4800 MT/s (2 x 32 GB)	
Internal drive Days	Memory Slots	4 DIMM	
Internal drive bays One 2.5" HDD; Two 3.5" HDD; Three M.2 NVME 2280 SSD External drive bays One sim ODD; One 5.25" ODD Graphics Discrete Graphics (Graphics (Graphics (Graphics (Integrated)) Graphics Integrated Integrated Graphics (Integrated) Integrated Graphics (Integrated) All HP Z Displays and HP D reamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Reatex ALC3205-VA2-CG, 2.0W internal mono speaker Dimensions (W x D x H) J 35.6 x 16.9 x 38.5 cm (Standard tower orientation.) Dimensions (W x D x H) J 4 x 6.7 x 15.2 in (Standard tower orientation.) Weight (Exact weight depends on configuration.) Weight Dimensions (W x D x H) Starting at 13.7 lb (Exact weight depends on configuration.) Weight Pointing device HP 125 Wired Keyboard Pointing device HP 125 Wired Keyboard Pointing device HP Wired 320M Mouse Ports 1 PCle 3 x 4 (x 16 connector); 1 PCle 3 x 4 (x 4 connector); 1 PCle 3 x 1 (x 4 connector); 1 PCle 5 x 16 (x 16 connector); 1 M.2 z 230 PCle 3 X 1 for WLAN M.2 z 230 PCle 3 X 1 for WLAN M.2 z 230 PCle 3 X 1 for WLAN M.2 z 230 PCle 3 X 1 for WLAN M.2 z 230 PCle 3 X 1 for WLAN J M.2 z 230 S victor WLAN and 3 M.2 z 280 s lots for storage) Ports 1 audio-in; 1 audio-out; 1 R.1-45; 2 bisplayPort** 1.4; 2 SuperSpeed USB Type-A 106bps signaling rate; 1 SuperSpeed USB Type-A 56bps signaling rate; 3 USB Type-A 480Mbps signaling rate; 1 SuperSpeed USB Type-A 56bps signaling rate; 3 USB Type-A 480Mbps signaling rate; 1 Power 700 W 92% efficient, wide-ranging, active PC Management features MP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration inside box is 100% Sustainable impact specifications Sustainable impact specifications Sustainable impact specifications Sustainable impact specifications Software included HP Super free free; HP Sure Click; HP BioSphere Gene; HP Sure Bandin; Hood Sensor Optional, Kit; HP Client Security Manager Gene; HP Sure Click; HP BioSphere Gene; HP Sure Bandin; Hood Sensor Optional, Kit; HP Client Securit	Internal Storage	2 TB HP Z Turbo Drive PCIe® NVMe™ TLC M.2 SSD	
External drive bays Discrete Graphics Discrete Graphics (discrete) NIVIDIA® GeForce RTX™ 4080 SUPER (16 GB GDDR6X dedicated) Graphics (integrated) Integrated Integrated Integrated Integrated All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Reattek ALC 3205 * VA2 C-G, 2.0W internal mono speaker Dimensions (W x D x H) Starting 3 15.2 Ng (Exact weight depends on configuration.) Weight Starting 3 15.2 Ng (Exact weight depends on configuration.) Keyboard HP 125 Wired Aleyboard Pointing device HP Wired 320M Mouse Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack R2230 Porte 3 Nd R230 Power Nd R4 Power Power 700 W 92% efficient, wide-ranging, active PFC Management features Bolts in porte 5 Nd Bolts 2 Nd Bolts 3 Nd Bolts 2 Nd Bolts 3 Nd Bolts	Hard drive (2nd)	2 TB HP Z Turbo Drive PCIe® Gen4 TLC M.2 SSD	
Graphics Discrete Craphics (discrete) NVIDIA® GeForce RTX™ 4080 SUPER (16 GB GDDR6X dedicated) Graphics Integrated Intel® UFID Graphics 770 Compatible displays AILH P Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Reatek ALC3205-VA2-CG, 2.0W internal mono speaker Dimensions (W x D x H) 35.6 x 16.9 x 38.5 x m (Standard tower orientation.) Dimensions (W x D x H) 14 x 6.7 x 15.2 in (Standard tower orientation.) Weight Starting at 13.7 ib Starting at 13.7 ib L'Exact weight depends on configuration.) Keyboard HP 125 Wired Keyboard Pointing device HP Wired 320M Mouse Ports 4 Super Speed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack 1 PCIe 3 x 46 k16 connector); 1 PCIe 3 x 46 k2 connector); 1 PCIe 3 x 1 (k4 connector); 1 PCIe 5 x 16 (k16 connector); 1 M. 2 2230 pCIe 3 x 1 for WLAN (1 M 2 2230 Sol for WLAN and 3 M.2 2280 sols for storage) Ports 1 audio-in; 1 audio-out; 1 RI-45; 2 DisplayPort™ 1.4; 2 Super Speed USB Type-A 10Gbps signaling rate; 1 Super Speed USB Type-A 10Gbps signali	Internal drive bays	One 2.5" HDD; Two 3.5" HDD; Three M.2 NVME 2280 SSD	
Graphics (discrete) NVIDIA® GeForce RTX™ 4080 SUPER (16 GB GDDR6X dedicated) Graphics Integrated Graphics (Integrated) Intel® UHD Graphics 770 Compatible displays All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Realtek ALC3205-VA2-CG, 2.0W internal mono speaker Dimensions (W x D x H) 35.6 x 16.9 x 38.5 cm (Standard tower orientation.) Weight 14 x 6.7 x 15.2 in (Standard tower orientation.) Weight Starting at 6.2 kg (Exact weight depends on configuration.) Weight Starting at 13.7 lb (Exact weight depends on configuration.) Keyboard HP 125 Wired Keyboard Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Expansion slots 1 PCICa 3x4 k(16 connector); 1 PCIca 3x4 (x4 connector); 1 PCIca 3x1 (x4 connector); 1 PCIca 5x16 (x16 connector); 1 M. 2 2230 PCIca 3x1 for WLAN A 2 2230 PCIca 3x1 for WLAN (2 M.2 2230 Slot for WLAN and 3 M.2 2280 slots for storage) Ports 1 audio-in; 1 audio-out; 1 R-45; 2 DisplayPort™ 14, 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling rate; 1	External drive bays	One slim ODD; One 5.25" ODD	
Graphics (Integrated) Integrated Graphics (Integrated) Intel® UHD Graphics 770 Compatible displays All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Realtek ALC3205-VA2-CG, 2.0W internal mono speaker Dimensions (W x D x H) 35.6 x 16.9 x 38.5 cm (Standard tower orientation.) Use light 14 x 6.7 x 15.2 in (Standard tower orientation.) Weight Starting at 6.2 kg (Exact weight depends on configuration.) Keyboard HP 125 Wired keyboard Pointing device HP Wired 320M Mouse Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Expansion slots 1 PCle 3 x4 (x16 connector); 1 PCle 3 x4 (x4 connector); 1 PCle 3 x1 (x4 connector); 1 PCle 3 x2 (x9 connecto	Graphics	Discrete	
Graphics (integrated) Intel® UHD Graphics 770 Compatible displays All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Realtek ALC 3205-VA2-CG, 2.0W internal mono speaker Dimensions (W x D x H) 35.6 x 16.9 x 38.5 cm (Standard tower orientation.) Weight 14 x 6.7 x 15.2 in (Standard tower orientation.) Weight Starting at 6.2 kg (Exact weight depends on configuration.) Keyboard HP 125 Wired Keyboard Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Expansion slots 1 PCLe 3 x4 (x16 connector); 1 PCLe 3 x4 (x4 connector); 1 PCLe 3 x1 (x4 connector); 1 PCLe 5 x16 (x16 connector); 1 M. 2 2230 PCLe 3 x1 for WLAN (1 M.2 2233 PCLe 3 x1 for WLAN (1 M.2 2233 PCLe 3 x1 for WLAN (1 M.2 2233 PCLe 3 x1 for WLAN and 3 M.2 2280 slots for storage) Ports 1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling rate Package dimensions (W x D x H) 51.8 x 29.5 x 49 cm Power 700 W 92% efficient, wide-ranging, active PFC Management features 4P Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download); ¹⁸³	Graphics (discrete)	NVIDIA® GeForce RTX™ 4080 SUPER (16 GB GDDR6X dedicated)	
Compatible displays All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays Audio Realtek ALC3205-VA2-CG, 2.0W internal mono speaker Dimensions (W x D x H) 35.6 x 16.9 x 38.5 cm (Standard tower orientation.) Weight 14 x 6.7 x 15.2 in (Standard tower orientation.) Weight Starting at 3.7 lb (Exact weight depends on configuration.) Keyboard HP 125 Wired Reyboard Pointing device HP Wired 320M Mouse Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Expansion slots 1 PCle 3 x4 (x16 connector); 1 PCle 3 x4 (x4 connector); 1 PCle 3 x1 (x4 connector); 1 PCle 5 x16 (x16 connector); 1 M.2 2230 Pcle 3 x1 for MLAN (1 M.2 2230 Pcle 3 X1 for MLAN (1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage) Ports 1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort** 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling rate Package dimensions (W x D x H) 51.8 x 29.5 x 49 cm Management features HP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BilOS Configuration Utility (download). Place of the pack of the p	Graphics	Integrated	
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Dimensions (W x D x H) 35.6 x 16.9 x 38.5 cm (Standard tower orientation.) Dimensions (W x D x H) 14 x 6.7 x 15.2 in (Standard tower orientation.) Weight Starting at 6.2 kg (Exact weight depends on configuration.) Weight Starting at 13.7 lb (Exact weight depends on configuration.) Keyboard HP 125 Wired Reyboard Pointing device HP Wired 320M Mouse Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Expansion slots 1 PCle 3 x4 (x16 connector); 1 PCle 3 x4 (x4 connector); 1 PCle 3 x1 (x4 connector); 1 PCle 5 x16 (x16 connector); 1 M.2 2230 PCle 3 X1 for WLAN and 3 M.2 2280 slots for storage) Ports 1 audio-in; 1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling rate Package dimensions (W x D x H) 51.8 x 29.5 x 49 cm Power 700 W 92% efficient, wide-ranging, active PFC Management features 40 PD Priver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download) ⁽¹⁸⁾ Sustainable impact specifications 80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low h	Compatible displays	All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays	
Dimensions (W x D x H) Standard tower orientation.)	Audio	Realtek ALC3205-VA2-CG, 2.0W internal mono speaker	
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Keyboard HP 125 Wired Keyboard Pointing device HP Wired 320M Mouse Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Expansion slots 1 PCIe 3 x4 (x16 connector); 1 PCIe 3 x4 (x4 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 PCIe 3 x1 (x4 connector); 1 P	Weight		
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Ports 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack 1 PCle 3 x4 (x16 connector); 1 PCle 3 x4 (x4 connector); 1 PCle 3 x1 (x4 connector); 1 PCle 5 x16 (x16 connector); 1 M.2 2230 PCle 3 X1 for WLAN (1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage) Ports 1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling rate Package dimensions (W x D x H) 51.8 x 29.5 x 49 cm Power 700 W 92% efficient, wide-ranging, active PFC Management features 4 HP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download) ^[18] 80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speaker HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5 ^[19,20,21,22,23,24,25,26,33] Software included HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0 ^[15,16,17]	Keyboard	HP 125 Wired Keyboard	
Expansion slots 1 PCle 3 x4 (x16 connector); 1 PCle 3 x4 (x4 connector); 1 PCle 3 x1 (x4 connector); 1 PCle 5 x16 (x16 connector); 1 M.2 2230 PCle 3 X1 for WLAN (1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage) 1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling rate Package dimensions (W x D x H) 51.8 x 29.5 x 49 cm Power 700 W 92% efficient, wide-ranging, active PFC HP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download) ^[18] 80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainable impact specifications 80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speaker HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5 ^[19,20,21,22,23,24,25,26,33] Software included HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0 ^[15,16,17]	Pointing device	HP Wired 320M Mouse	
Expansion slotsM.2 2230 PCle 3 X1 for WLAN (1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage)Ports1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling ratePackage dimensions (W x D x H)51.8 x 29.5 x 49 cmPower700 W 92% efficient, wide-ranging, active PFCManagement featuresHP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download)[18]Sustainable impact specifications80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speakerSecurity managementHP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5[19,20,21,22,23,24,25,26,33]Software includedHP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0[15,16,17]	Ports	4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack	
Package dimensions (W x D x H) Power 700 W 92% efficient, wide-ranging, active PFC HP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download) ^[18] 80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainable impact specifications 80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speaker HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5 ^[19,20,21,22,23,24,25,26,33] Software included HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0 ^[15,16,17]	Expansion slots	M.2 2230 PCIe 3 X1 for WLAN	
Power 700 W 92% efficient, wide-ranging, active PFC Management features	Ports		
Management featuresHP Driver Packs; HP Management Integration Kit for Microsoft System Center Configuration Management Gen4; HP System Software Manager (download); HP BIOS Configuration Utility (download) [18]Sustainable impact specifications80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speakerSecurity managementHP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client SecurityManager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5 [19,20,21,22,23,24,25,26,33]Software includedHP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability IntegrationKit; Performance Advisor 3.0 [15,16,17]	Package dimensions (W x D x H)	51.8 x 29.5 x 49 cm	
System Software Manager (download); HP BIOS Configuration Utility (download) ^[18] 80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainable impact specifications 80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speaker HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5 ^[19,20,21,22,23,24,25,26,33] Software included HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0 ^[15,16,17]	Power	700 W 92% efficient, wide-ranging, active PFC	
System Software Manager (download); HP BIOS Configuration Utility (download). 103 80 Plus® Gold power supplies available; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speaker HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5 ^[19,20,21,22,23,24,25,26,33] Boftware included HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0 ^[15,16,17]	Management features		
Security management Security management Software included Sustainably sourced and recyclable; 45% post-consumer recycled plastic; 10% ITE-derived closed loop plastic; Low halogen PCAs; Product Carbon Footprint; Ocean-bound plastic in system fan, processor fan and speaker HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5 ^[19,20,21,22,23,24,25,26,33] HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0 ^[15,16,17]			
Security managementManager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5[19,20,21,22,23,24,25,26,33]Software includedHP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; Performance Advisor 3.0[15,16,17]	Sustainable impact specifications	$sustainably sourced \ and \ recyclable; 45\% \ post-consumer \ recycled \ plastic; 10\% \ ITE-derived \ closed \ loop \ plastic; Low$	
Kit; Performance Advisor 3.0 ^[15,16,17]	Security management	Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run	
UPC number 198990218977	Software included		
	UPC number	198990218977	

Top Recommended Displays, Accessories and Services

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HP Z24m G3 QHD Conferencing Display	4Q8N9E9
Speakerphones	
Poly Sync 20+ USB-C Speakerphone	772D0AA
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Poly Sync 10 USB-A USB-C Speakerphone	772C3AA
Wireless Headset	
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA
Wired Headset	
Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA

Messaging Footnotes

- [3] Third party software sold separately.
- [4] 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 11 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. Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures.
- [5] 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.

Technical Specifications Footnotes

- [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.
- [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.
- [16] HP Performance Advisor Software HP Performance Advisor is ready and waiting to help you get the most out of your HP Workstation from day one—and every day after. Learn more or download at: https://www8.hp.com/us/en/workstations/performance-advisor.html
- [17] HP Support Assistant requires Windows and Internet access.
- [18] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html
- [19] HP Client Security Manager Gen7 requires Windows and is available on the select HP PCs.
- [20] HP BIOSphere Gen6 features may vary depending on the platform and configurations.
- [21] HP Sure Click requires Windows 11 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.
- [22] HP Sure Start Gen7 is available on select HP PCs and workstations. See product specifications for availability.
- [23] HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.
- [24] HP Sure Recover Gen4 is available on select HP PCs and requires an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
- [25] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.
- [26] HP Sure Sense requires Windows 11 Pro or Enterprise and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
- [33] HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

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