ProductSheet HP Z6 G5 Tower Workstation (81N32UT)

Unleash extreme graphics performance

Accelerate your most graphics-intensive projects—from machine learning and simulation to advanced visual effects. The Z6 desktop workstation is redesigned with new, powerful single socket technology and now fits up to 3x more GPUs than the previous gen while also providing plenty of room to expand.





HP recommends Windows 11 Pro for business Remarkable performance. Whisper-quiet acoustics

Speed up graphics-intensive workflows with high-end GPUs, an Intel[®] Xeon[®] W CPU, and loads of DDR5 memory.

Upgrade and expand with ease

Evolve your PC with space for high-end GPUs, loads of memory and storage, plus frontaccessible NVMe drives.

Comprehensive security. Reliability you can trust

Trust the 360K hours of testing, certifications for pro apps, and world-class HP Wolf Security for Business[7]

Featuring

Windows 11

Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

Intel® Xeon® W processor

Get optimized performance whether your professional application utilizes high core count or high frequency with the Intel® Xeon® W processor. ^[2]

Security is your top priority

The HP Wolf Pro Security Edition provides preconfigured enterprise-level PC protection for small and medium sized businesses.

Specifications

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Processor family Intel® Xeon® Wprocessor Processor Intel® Xeon® Wprocessor Chipset Intel® W790 Memory 16 GB DDR5-4800 MHz RAM (1 x 16 GB) Internal Storage 512 GB HP Z Turbo Drive PCIe® NVMe™ TLC M.2 SSD Internal drive bays Four PCIe® M.2 SSD; Four 3.5" HDD External drive bays Four PCIe® M.2 SSD; Two 3.5" HDD; Two 9.5 mm ODD Graphics Discrete Graphics Discrete Graphics (discrete) NVIDIA® T1000 (8 GB GDDR6 dedicated) Compatible displays All HP 2 Displays and HP DreamColor Displays are supported. For more information see http://www.hp.com/go/displays Minimum dimensions (W x D xH) 6.65 x 18.30 x 17.50 in Weight Starting at 12.8 kg (Exact weights depend upon configuration (System weight only)) Keyboard HP USB 320K Keyboard Pointing device HP Wired 320M Mouse Ports 2 SuperSpeed USB Type-4 20GDps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A SGbps signaling rate; 1 headphone/microphone combo ^[23] Expansion slots 2 PCIe 4 xi; 2 PCIe 4 xi; 1 PCIe x 16 (Reat UkRheda access can be achieved through al Sots but 2 PCIe 4 x8 are internal access only for M.2.) Ports 2 Super Speed USB Type		Tower
Processor Intel® Xeon® W5-3425 (up to 4.6 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 12 cores, 24 threads/6.77 Chipset Intel® W750 Memory 16 GB DDR5-4800 MHz RAM (1 x 16 GB) Internal Storage 51 2 GB HP 2 Turbo Drive PCIe® NVMe™ TLC M.2 S5D Internal drive bays Four VOME™ M.2 S5D; Four 3.5" HDD External drive bays Four NVMe™ M.2 S5D; Two 3.5" HDD, Two 9.5 mm 0DD Graphics Discrete Graphics (discrete) NUDIA* T1000 (6 GB GDDR6 dedicated) Compatible displays All HP 2 Displays and HP 0reamColor Displays are supported. For more information see http://www.hp.com/go/zdisplays Audio Reattek ALC3205-C6 Minimum dimensions (W X D x H) 16.89 x46.48 x44.45 cm Minimum dimensions (W X D x H) 6.85 x 18.30 x 17.50 in Weight (Exact weights depend upon configuration (System weight only/)) Keyboard HP Wire 3200 Mouse Ports 2 SuperSpeed USB Type-C ⁶ 20Gbps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo Package dimensions (W X D X H) 31.38 x61.0x 59.3 cm Package dimensions (W X D X H) 31.38 x51.0x 59.3 cm Package dimensions (W X D X H) <th< th=""><th></th><th></th></th<>		
Chipset Intel® W790 Memory 16 GB DDR5-4800 MH2 RM (1 x 16 GB) Internal Storage 512 GB HP Z Turbo Drive PCIe® NVMe™ TLC M.2 SSD. Internal drive bays Four PCIe® N.2 SSD; Four 3.5* HDD. External drive bays Four NUMe™ A.2 SSD; Two 3.5* HDD; Two 9.5 mm ODD Graphics Discrete Graphics (discrete) NVIDIA® T1000 (6 GB GDDR6 dedicated) Compatible displays All HP 2 Displays and HP DreamColor Displays are supported. For more information see http://www.hp.com/gol/displays Audio Reattex ALC3205-CG Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.5 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.5 cm Minimum dimensions (W x D x H) 6.65 x 18.30 x 17.50 in Weight (Exact weights depend upon configuration (System weight only)) Keyboard HP USE 320K Keyboard Pointing device HP Wired 320M Mouse Ports 2 SuperSpeed USB Type-C* 20Gbps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo ^[23] Expansion slots (PCI et a vit; PCI es x 16; 1 PCI es x 16 (Rear bulk head access can be achieved through all slots but 2 PCIe 4 x 8 are internal access only for M.2.) Ports 4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo Package dime		
Memory 16 GB DDR5-4800 MHz RAM (1 × 16 GB) Internal Storage 512 GB HP Z Turbo Drive PC(e [®] N.Z SSD) Four 3.5° HDD External drive bays Four PC(e [®] N.Z SSD) Four 3.5° HDD External drive bays Four NVMe [™] M.2 SSD; Two 3.5° HDD Graphics Discrete Graphics (discrete) NVIDIA* T1000 (6 GB GDDR6 dedicated) Compatible displays All HP 20 Displays and HP DreamColor Displays are supported. For more information see http://www.hp.com/gol/zdisplays Audio Realtek ALC3205-C6 Minimum dimensions (W x D x H) 16.89 × 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 × 46.48 x 44.45 cm Minimum dimensions (W x D x H) 6.55 x 18.30 × 17.50 in Weight Starting at 2.8 kg (Exact weights depend upon configuration (System weight only)) Keyboard HP US 320K Keyboard Pointing device HP Wired 320M Mouse Ports 2 Super Speed USB Type-C* 20Gbps signaling rate (USB Power Delivery); 2 Super Speed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combol ^{29,1} Ports 2 Super Speed USB Type-C* 20Gbps signaling rate; 10 kel Shis but 2 PCIe 4 x8 are internal access only for M.2.) Ports 2 Super Speed USB Type-C* 20Gbps signaling rate; 10 kel Shis but 2 PCIe 4 x8 are internal access only for M.2.) P	Processor	Intel® Xeon® W5-3425 (up to 4.6 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 12 cores, 24 threads) ^{L6,7]}
Internal Storage 512 6B HP Z Turbo Drive PCLe® NVMe™ TLC M.2 SSD Internal drive bays Four PCLe® M.2 SSD; Four 3.5" HDD External drive bays Four NVMe™ M.2 SSD; Four 3.5" HDD External drive bays Four NVMe™ M.2 SSD; Four 3.5" HDD Graphics Discrete Graphics (discrete) NVDIA ^{A*} T1000 (8 GB GDDR6 dedicated) Compatible displays All HP Z Displays and HP Dream Color Displays are supported. For more information see http://www.hp.com/go/zdisplays Audio Reatek ALC3205-CC Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 20 x 20 k Keyboard Pointing device HP Wired 320 M Mouse Ports 2 SuperSpeed USB Type-C* 200bps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 56bps signaling rate; 1 headphone/microphone combo ^[29] Expansion slots 2 PCIe4 ax; 2 PCIe4 ax 15; 1 PCIe 5 x16 (Rear D Wired 320K Keyboard S 2 PCIe4 ax; 2 PCIe4 ax 15; 1 PCIe 5 x16 (Rear D Wired 320K Keyboard S 2 PCIe4 ax; 2 PCIe4 ax; 15; 1 PCIe 5 x16 (Rear D Wired 320K Keyboard S 2 PCIe4 ax; 2 PCIe4 ax; 15; 1 PCIe 5 x16 (Rear D Wired 320K Keyboard S 2 PCIe4 ax; 2 PCIe4 ax; 15; 1 PCIe 5 x16 (Rear D Wired 320K Keyboard S 2 PCIe4 ax; 2	Chipset	Intel® W790
Internal drive bays Four PCIe [®] N.2 SSD; Four 3.5" HDD External drive bays Four NVMe [™] N.2 SSD; Two 3.5" HDD; Two 9.5 mm ODD Graphics Discrete Graphics (discrete) NVIDIA* T1000 (8 GB GDDR6 dedicated) Compatible displays All HP 2 Displays and HP DreamColor Displays are supported. For more information see http://www.hp.com/go/zdisplays Audio Reattex ALC3205-CG Minimum dimensions (W x D x H) 6.65 x 18.30 x 17.50 in Weight Starting at 12.8 kg (Exact weights depend upon configuration (System weight only)) Keyboard HP USB 320K Keyboard Pointing device HP Wired 320M Mouse Ports 2 SuperSpeed USB Type-C* 20Gbps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone comb/ ⁰²³ Ports 2 VEIC4 ark; 1 PLCE 3 x16 ; 1 PCIE 5 x16 (Rear bukhead access can be achieved through all slots but 2 PCIe 4 x8 are internal access only for M.2.) Ports 4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo ¹²⁴³ Package weight Starting at 17.2 Kg Management features HP Driver Packs; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Smart Support Sustainable impact specifications Starting at 17.2 Kg	Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)
External drive bays Four NVMe ^m M.2 SSD; Two 3.5" HDD; Two 9.5 mm ODD Graphics Discrete Graphics (discrete) NVIDIA*T1000 (8 CB GDDR6 dedicated) Compatible displays All HP 2 Displays and HP DreamColor Displays are supported. For more information see http://www.hp.com/go/zdisplays Audio Reatex ALC3205-CG Minimum dimensions (W x D x H) 6.65 x 18.30 x 17.50 in Weight (Exact weights depend upon configuration (System weight only)) Keyboard HP US 320 Kkyboard Pointing device HP Wired 320M Mouse Pointing device HP Wired 320M Mouse Ports 2 Super Speed USB Type-C* 2060ps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 560ps signaling rate; 1 headphone/microphone combo ⁽²⁹⁾ Expansion slots 2 PCIe 4 x4; 2 PCIe 4 x16; 1 PCIe 5 x16 (Rear buk/head access can be achieved through all slots but 2 PCIe 4 x8 are internal access only for M.2.) Ports 4 USB Type-A 560ps signaling rate; 1 headphone/microphone combo Package weight Starting at 1.2.25 kg Management features HP Driver Packs; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Smart Support Sustalinable impact specifications HP Driver Packs; HP System Software Manager (download); HP BIOS configuration Utilit	Internal Storage	512 GB HP Z Turbo Drive PCIe [®] NVMe™ TLC M.2 SSD
Graphics Discrete Graphics (discrete) NVIDIA*T1000 (8 GB GDDR6 dedicated) Compatibile displays All HP Z Displays and HP DreamColor Displays are supported. For more information see http://www.hp.com/go/Zdisplays Audio Reattek ALC3205-CG Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 6.65 x 18.30 x 17.50 in (Exact weights depend upon configuration (System weight only)) Weight Starting at 28.8 upon configuration (System weight only)) Weight Starting at 28.2 ub (Exact weights depend upon configuration (System weight only)) Keyboard HP USB 320K Keyboard Pointing device HP Wired 320M Mouse Ports 2 SuperSpeed USB Type-C* 20Gbps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo ^[29] Expansion slots 2 PCic4 x4; 2 PCie4 x16; 1 PCie 3 x16; 1 PCie 5 x16 (Rear bukhead access can be achieved through all slots but 2 PCie 4 x8 are internal access only for M.2.) Ports Package dimensions (W x D x H) 31.3 x61.0 x59.3 cm Package weight Starting at 17.25 kg Management features HP Driver Packs; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Smart Support Support Low Hadgen; 40	Internal drive bays	Four PCle® M.2 SSD; Four 3.5" HDD
Graphics (discrete) NVIDLA® T1000 (B GB GDDR6 dedicated) Compatible displays All HP Z Displays and HP DreamColor Displays are supported. For more information see http://www.hp.com/go/zdisplays Audio Realtek ALC3205-CG Minimum dimensions (W x D x H) 16.89 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 6.65 x 18.30 x 17.50 in Veight Starting at 12.8 kg (Exact weights depend upon configuration (System weight only)) Weight Starting at 28.2 b (Exact weights depend upon configuration (System weight only)) Keyboard HP USB 320K Keyboard Pointing device HP Wired 320M Mouse Ports 2 SuperSpeed USB Type-C® 20Gbps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo ^[23] Ports 2 SuperSpeed USB Type-C® 20Gbps signaling rate; 1PCle 5 x16 (Rear UMkhed access can be achieved through all slots but 2 PCle 4 x8 are internal access only for M.2.) Ports 4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo Package dimensions (W x D x H) 31.3 x 61.0 x 59.3 cm Package weight Starting at 17.2 s kg Management features HP Driver Packs; HP System Software Manager (download); HP BiOS Configuration Utility (download); HP Smart Support Sustainable impa	External drive bays	Four NVMe [™] M.2 SSD; Two 3.5" HDD; Two 9.5 mm ODD
Compatible displays All HP Z Displays and HP DreamColor Displays are supported. For more information see http://www.hp.com/go/zdisplays Audio Realtek ALC3205-CG Minimum dimensions (W x D x H) 6.68 x 46.48 x 44.45 cm Minimum dimensions (W x D x H) 6.68 x 18.30 x 17.50 in Weight Starting at 12.8 kg (Exact weights depend upon configuration (System weight only)) Weight Starting at 22.1b (Exact weights depend upon configuration (System weight only)) Keyboard HP USB 320K Keyboard Pointing device HP Wired 320M Mouse Ports 2 SuperSpeed USB Type-C* 20Gbps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combol ^[20] Expansion slots 2 PCIe4 x4; 2 PCIe4 x16; 1 PCIe 3 x16; 1 PCIe 5 x16 (Rear Dukhead access can be achieved through all slots but 2 PCIe 4 x8 are internal access only for M.2.) Ports 4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combol ^[20] Package dimensions (W x D x H) 31.3 x 61.0 x 59.3 cm Package weight Starting at 17.2 skg Management features HP Driver Packs; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Smart Support Sustainable impact specifications HP Oriver Packs; HP System Software Manager (download); Sci Succanatin 80% recycled	Graphics	Discrete
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Weight Starting at 12.8 kg (Exact weights depend upon configuration (System weight only)) Weight Starting at 28.2 lb (Exact weights depend upon configuration (System weight only)) Keyboard HP USB 320K Keyboard Pointing device HP Wired 320M Mouse Ports 2 SuperSpeed USB Type-C* 20Gbps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo ^[29] Expansion slots 2 PCIe 4 x4; 2 PCIe 4 x16; 1 PCIe 3 x16; 1 PCIe 5 x16 (Rear bulkhead access can be achieved through all slots but 2 PCIe 4 x8 are internal access only for M.2.) Ports 4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo Package dimensions (W x D x H) 31.3 x 61.0 x 59.3 cm Package weight Starting at 17.25 kg Management features HP Driver Packs; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Smart Support Sustainable impact specifications Low Halogen; 40% post-consumer recycled plastic; 25% ITE-derived closed loop plastic; Bulk packaging available; External power supply 90% efficiency; Plastic cushion inserts contain 80% recycled content; Ocean-bound plastic in system fan; 10% post-industrial recycled metal; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable Full volume encryption; HP Secure Erase; Kensington lock slot; Secure authentication; TPM 2.0 certificat; HP Sure Recover; Self-Encrypted Drives ^[20,21,22,23,24,25,26,27]	Minimum dimensions (W x D x H)	16.89 x 46.48 x 44.45 cm
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Pointing device HP Wired 320M Mouse Ports 2 SuperSpeed USB Type-C* 20Gbps signaling rate (USB Power Delivery); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo ^[29] Expansion slots 2 PCIe 4 x4; 2 PCIe 4 x16; 1 PCIe 3 x16; 1 PCIe 5 x16 (Rear bulkhead access can be achieved through all slots but 2 PCIe 4 x8 are internal access only for M.2.) Ports 4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo Package dimensions (W x D x H) 31.3 x 61.0 x 59.3 cm Package weight Starting at 17.25 kg Management features HP Driver Packs; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Smart Support Sustainable impact specifications External power supply 90% efficiency; Plastic cushion inserts contain 80% recycled content; Ocean-bound plastic in system fan; 10% post-industrial recycled metal; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable Full volume encryption; HP Secure Erase; Kensington lock slot; Secure authentication; TPM 2.0 certified; HP BIOSphere; HP Sure Run; HP Sure Click; HP Sure Sense; HP Sure Admin; HP Platform Certificate; HP Sure Start; HP Sure Ruow; Ster Sense; HP Sure Admin; HP PLatform Certificate; HP Sure Start; HP Sure Recover; Self-Encrypted Drives ^[20,21,22,23,24,25,26,27] Software included Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack Manager ^{(17,18,19]}	Weight	
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Ports rate; 1 headphone/microphone combo ^[29] Expansion slots 2 PCIe 4 x4; 2 PCIe 4 x16; 1 PCIe 3 x16; 1 PCIe 5 x16 (Rear bulkhead access can be achieved through all slots but 2 PCIe 4 x8 are internal access only for M.2.) Ports 4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo Package dimensions (W x D x H) 31.3 x 61.0 x 59.3 cm Package weight Starting at 17.25 kg Management features HP Driver Packs; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Smart Support Sustainable impact specifications Low Halogen; 40% post-consumer recycled plastic; 25% ITE-derived closed loop plastic; Bulk packaging available; External power supply 90% efficiency; Plastic cushion inserts contain 80% recycled content; Ocean-bound plastic in system fan; 10% post-industrial recycled metal; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable Security management BIOSphere; HP Sure Run; HP Sure Erase; Kensington lock slot; Secure authentication; TPM 2.0 certified; HP BIOSphere; HP Sure Run; HP Sure Click; HP Sure Sense; HP Sure Admin; HP Platform Certificate; HP Sure Start; HP Sure Recover; Self-Encrypted Drives ^[20,21,22,23,24,25,26,27] Where included HP PC Hardware Diagnostics UEF1; HP Performance Advisor; HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack Manager ^[17,18,19]	Pointing device	HP Wired 320M Mouse
Expansion slots2 PCIe 4 x16; 1 PCIe 3 x16; 1 PCIe 5 x16 (Rear bulkhead access can be achieved through all slots but 2 PCIe 4 x8 are internal access only for M.2.)Ports4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone comboPackage dimensions (W x D x H)31.3 x 61.0 x 59.3 cmPackage weightStarting at 17.25 kgManagement featuresHP Driver Packs; HP System Software Manager (download); HP BIOS Configuration Utility (download); HP Smart SupportSustainable impact specificationsLow Halogen; 40% post-consumer recycled plastic; 25% ITE-derived closed loop plastic; Bulk packaging available; External power supply 90% efficiency; Plastic cushion inserts contain 80% recycled content; Ocean-bound plastic in system fan; 10% post-industrial recycled metal; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclableSecurity managementFull volume encryption; HP Secure Erase; Kensington lock slot; Secure authentication; TPM 2.0 certified; HP BIOSphere; HP Sure Run; HP Sure Click; HP Sure Sense; HP Sure Admin; HP Platform Certificate; HP Sure Start; HP Sure Recover; Self-Encrypted Drives ^[20,21,22,23,24,25,26,27] Software includedHP PC Hardware Diagnostics UEFI; HP Performance Advisor; HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack Manager ^[17,18,19]	Ports	
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Management reatures Support Sustainable impact specifications Low Halogen; 40% post-consumer recycled plastic; 25% ITE-derived closed loop plastic; Bulk packaging available; External power supply 90% efficiency; Plastic cushion inserts contain 80% recycled content; Ocean-bound plastic in system fan; 10% post-industrial recycled metal; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable Security management Full volume encryption; HP Secure Erase; Kensington lock slot; Secure authentication; TPM 2.0 certified; HP BIOSphere; HP Sure Run; HP Sure Click; HP Sure Sense; HP Sure Admin; HP Platform Certificate; HP Sure Start; HP Sure Recover; Self-Encrypted Drives ^[20,21,22,23,24,25,26,27] Software included HP PC Hardware Diagnostics UEFI; HP Performance Advisor; HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack Manager ^[17,18,19]	Package weight	Starting at 17.25 kg
Sustainable impact specificationsExternal power supply 90% efficiency; Plastic cushion inserts contain 80% recycled content; Ocean-bound plastic in system fan; 10% post-industrial recycled metal; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclableSecurity managementFull volume encryption; HP Secure Erase; Kensington lock slot; Secure authentication; TPM 2.0 certified; HP BIOSphere; HP Sure Run; HP Sure Click; HP Sure Sense; HP Sure Admin; HP Platform Certificate; HP Sure Start; HP Sure Recover; Self-Encrypted Drives ^[20,21,22,23,24,25,26,27] Software includedHP PC Hardware Diagnostics UEFI; HP Performance Advisor; HP Support Assistant; HP PC Hardware Diagnostics Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack Manager ^[17,18,19]	Management features	
Security management BIOSphere; HP Sure Run; HP Sure Click; HP Sure Sense; HP Sure Admin; HP Platform Certificate; HP Sure Start; HP Sure Recover; Self-Encrypted Drives ^[20,21,22,23,24,25,26,27] HP PC Hardware Diagnostics UEFI; HP Performance Advisor; HP Support Assistant; HP PC Hardware Diagnostics Software included Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack	Sustainable impact specifications	External power supply 90% efficiency; Plastic cushion inserts contain 80% recycled content; Ocean-bound plastic in system fan; 10% post-industrial recycled metal; Molded paper pulp cushion inside box is 100% sustainably
Software included Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack Manager ^[17,18,19]	Security management	BIOSphere; HP Sure Run; HP Sure Click; HP Sure Sense; HP Sure Admin; HP Platform Certificate; HP Sure Start; HP Sure Recover; Self-Encrypted Drives ^[20,21,22,23,24,25,26,27]
UPC number (ABA) 197497248791; (ABC) 197497248807	Software included	Windows; HP Image Assistant; HP Manageability Integration Kit; HP Anyware; HP Data Science Stack
	UPC number	(ABA) 197497248791; (ABC) 197497248807

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[2] 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.

[7] HP Wolf Security for Business requires Windows 10 or 11 Pro or higher, includes various HP security features and is available on HP Pro, Elite and Workstation products. See product details for included security features and OS requirement.

Technical Specifications Footnotes

[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.

[17] 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 .

[18] HP Support Assistant requires Windows and Internet access.

[19] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html .

[20] HP Sure Click requires Windows 11 Pro or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[21] HP Sure Start Gen7 is available on select HP PCs and Workstations. See product specifications for availability.

[22] 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.

[23] HP Sure Sense requires Windows 11 Pro or Enterprise and supports Microsoft Internet Explorer, Google ChromeTM, and ChromiumTM. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[24] HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.

[25] 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.

[26] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.

[27] HP BIOSphere Gen6 features may vary depending on the platform and configurations.

[29] Front entry contain: 1 headset connector; 4 SuperSpeed USB Type-A 5Gbps signaling rate. Front Entry and Front Premium offer Battery Charging 1.2 through one of the USB Type-A ports.

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