HP EliteDesk 705 G4 Workstation Edition

Pro-grade performance is within reach with a cost-effective desktop certified for professional software[1]. Equipped to handle multiple tasks simultaneously, you can achieve high levels of productivity.

HP recommends Windows 10 Pro.

Multitasking performance

Don't let your PC be a productivity bottleneck. Get more done, faster, when working in multiple applications. Even work on 3D designs while other tasks run simultaneously in the background.

Software certified [1]

Work with confidence knowing your desktop is certified for your most demanding applications. We've worked closely with leading software providers like Autodesk and SolidWorks to help ensure seamless and reliable performance at every stage of your technical workflow.

Advanced security. Easy manageability.

Get powerful protection from evolving malware threats with self-healing, hardware-enforced security solutions like HP Sure Start Gen4[2] which protects against BIOS attacks. Plus, easily manage multiple devices with the HP Manageability Integration Kit Gen2[3]

Featuring

- Be productive in any situation. Windows 10 Pro and powerful security, collaboration, and connectivity features from HP help you power through your day.[4]

- Up to 8 cores and 16 threads of processing power for responsive performance on offline rendering and 3D modeling in CAD applications, and for multitasking on business productivity applications.[5]

- Create complex 2D designs and 3D models with optional certified NVIDIA Quadro® P1000 or AMD Radeon™ Pro WX 3100 graphics power.[6]

- Get brilliant performance for breakthrough VR experiences

- Customize with flexible I/O ports with your choice of VGA, DisplayPort™, HDMI or USB-Type C™ with DisplayPort™.

- Protect the firmware that antivirus can't reach! The hardware-enforced self-healing protection offered by HP Sure Start Gen4 automatically recovers the BIOS from malware, rootkits, or corruption.[7]

- Help protect your PC from websites, read-only Microsoft® Office and PDF attachments, malware, ransomware, and viruses with hardware-enforced security.[8]

- Keep your critical applications and processes running even if malware tries to shut them down with self-healing protection with HP Sure Run.[9]

- Quickly and securely restore your PC to the latest image using only a network connection.[10]

- Speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.[11]

HP EliteDesk 705 G4 Workstation Edition Specifications Table

Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. [1] Windows 10 Home Single Language 64 [1] Windows 10 Home 64 [1] FreeDOS 2.0
Processor Family [3,8]	7th Generation AMD A10 APU processor (A10-9700); 7th Generation AMD A6 APU processor (A6-9500); AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 5 PRO processor; 7th Generation AMD A8 APU processor (A8-9600)
Processors[3,8]	AMD PRO A10-9700 APU with Radeon™ R7 Graphics (3.5 GHz base frequency, up to 3.8 GHz burst frequency, 2 MB cache, 4 cores) AMD PRO A6-9500 APU with Radeon™ R5 Graphics (3.5 GHz base frequency, up to 3.8 GHz burst frequency, 1 MB cache, 2 cores) AMD PRO A8-9600 APU with Radeon™ R7 Graphics (3.1 GHz base frequency, up to 3.4 GHz burst frequency, 2 MB cache, 4 cores) AMD® Ryzen™ 5 Pro 2600 Six-Core (3.4 GHz base frequency, up to 3.9 GHz burst frequency, 576 KB L1 cache, 3 MB L2 cache, 16 MB L3 cache) AMD® Ryzen™ 7 Pro 2700 Eight-Core (3.2 GHz base frequency, up to 4.1 GHz burst frequency, 768 KB L1 cache, 4 MB L2 cache, 16 MB L3 cache) AMD® Ryzen™ 7 Pro 2700X Eight-Core (3.7 GHz base frequency, up to 4.3 GHz burst frequency, 768 KB L1 cache, 4 MB L2 cache, 16 MB cache) AMD® Ryzen™ 3 PRO 2200G APU with AMD® Radeon™ Vega 8 Graphics Quad-Core (3.5 GHz base frequency, up to 3.7 GHz burst frequency, 6 MB cache) AMD® Ryzen™ 5 PRO 2400G APU with AMD® Radeon™ Vega 11 Quad-Core Graphics (3.6 GHz base frequency, up to 3.9 GHz burst frequency, 6 MB cache)
Chipset	AMD B350 FCH
Maximum Memory	64 GB DDR4-2666 SDRAM [5,13] (Transfer rates up to 2666 MT/s.)
Memory Slots	4 DIMM
Internal Storage	500 GB up to 2 TB 7200 rpm SATA [7] 500 GB SATA SED [7] 500 GB 7200 rpm SATA FIPS SED [7] 500 GB up to 2 TB 5400 rpm SATA SSHD [7] 128 GB up to 512 GB SATA SSD [7] 256 GB up to 512 GB SATA SED Opal 2 SSD [7] 256 GB up to 512 GB SATA FIPS SSD [7] 128 GB up to 512 GB PCIe® NVMe™ SSD [7] 128 GB up to 1 TB PCIe® NVMe™ TLC M.2 SSD [7] 256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD [7]
Optical Storage	HP 9.5 mm Slim DVD-Writer
Available Graphics	Integrated: AMD Radeon™ R5 Graphics; AMD Radeon™ R7 Graphics; AMD Radeon™ Vega 8 Graphics; AMD Radeon™ RX Vega 11 Graphics Discrete: AMD Radeon™ Pro WX 3100 Graphics (4 GB GDDR5 dedicated); NVIDIA® Quadro® P1000 (4 GB GDDR5 dedicated); NVIDIA® GeForce® GTX 1060 (3 GB GDDR5 dedicated); AMD Radeon™ RX 580 Graphics (4 GB GDDR5 dedicated); AMD Radeon™ RX 550 Graphics (4 GB GDDR5 dedicated); AMD Radeon™ RX 460 Graphics (2 GB GDDR5 dedicated); AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated) [11,31]
Audio	Conexant universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Networking	LAN: Realtek RTL8111EPH GbE WLAN: Realtek 802.11a/b/g/n/ac (2x2) and Bluetooth® 4.2 Combo; Realtek 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 Combo; Intel® Dual Band Wireless-AC 9260 802.11ac (2x2) and Bluetooth® 5 M.2, non-vPro™
Expansion Slots	1 M.2 2230; 1 M.2 2230/2280; 1 PCIe x16; 3 PCIe x1 (Configurable 1 M.2 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
Ports and Connectors	Front: 1 headset connector; 1 USB 2.0; 2 USB 3.1 Gen 1; 1 USB 2.0 (fast charging); 1 USB Type-C™ (charging) Rear: 1 audio-in; 1 audio-out; 1 power connector; 1 RJ-45; 2 DisplayPort™ 1.2; 4 USB 2.0; 2 USB 3.1 Gen 1[22] Optional: 1 DisplayPort™ 1.2; 1 HDMI 2.0; 1 serial; 1 VGA; 1 USB 3.1 Type-C™

Drive Bays (Internal)	One 5.25" HDD; Two 2.5" HDD; One 3.5" HDD[12,30]
Drive Bays (External)	One slim ODD; One 5.25" ODD
Input Device	HP PS/2 Business Slim Keyboard; HP USB Business Slim Keyboard; HP USB Keyboard; HP Wireless Business Slim Keyboard and Mouse Combo; USB Premium wired keyboard; HP Conferencing Keyboard; HP USB and PS/2 Washable Keyboard; HP USB Smart Card (CCID) Keyboard; HP Wireless Collaboration Keyboard; PS/2 Business Slim Keyboard[11] HP PS/2 Mouse; HP USB 1000 dpi Laser Mouse; HP USB Hardened Mouse; HP USB Optical Mouse; HP USB Premium Mouse; HP USB and PS/2 Washable Mouse[14]
Software	Absolute Persistence module; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP PhoneWise; HP Support Assistant; HP Velocity; Native Miracast Support; HP Wireless Wakeup; Buy Office (sold separately); HP Sure Recover [4,15,16,17,18,19,20,21]
Security	HP Recovery Manager; HP Secure Erase; DriveLock; HP BIOSphere; HP Password Manager; HP Power On Authentication; 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); HP Client Security Suite Gen 4; HP Sure Start Gen 4; HP Sure Run; 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); HP LAN-Wireless Protection; Hood sensor; HP Credential Manager; HP Device Access Manager; HP Security Manager; HP Spare Key; Master Boot Record Security; Pre-boot Authentication; Windows Defender [6,24,25,26,27,28,29]
Power	400 W internal power supply, up to 92% efficiency, active PFC; 250 W internal power supply, up to 92% efficiency, active PFC [10]
Dimensions (W x D x H)	6.69 x 10.79 x 13.3 in 17 x 27.4 x 33.8 cm
Weight	Starting at 15.74 lb Starting at 7.14 kg
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Gold [9]
Environmental Certification	Low halogen[10]
Warranty	3 year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

HP EliteDesk 705 G4 Workstation Edition

Recommended accessories and services (not included)

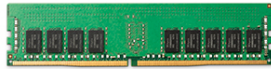|		
HP PCIe NVME TLC 512GB SSD PCIe Drive		Reduce boot up, calculation, and graphics response times and revolutionize how your HP Business Desktop handles large files with the HP PCIe NVME TLC 512GB SSD PCIe Drive, a remarkably affordable and innovative PCIe-based NVMe memory SSD storage solution. Product number: Z4L70AA
HP Z24nf G2 23.8-inch Display		Be a productive powerhouse with the sleek HP Z24nf G2 23.8-inch Display. This virtually seamless Full HD display is factory-tested for reliability and longevity with integrated color calibration, uninterrupted multi-screen tiling, and expansive device connections. Product number: 1JS07A8
HP 16GB DDR4-2666 DIMM		Boost the capabilities of your HP Business Desktop PC and improve system performance and application responsiveness with low-power, high-speed DDR4 memory from HP. Product number: 3TK83AA

Messaging Footnotes

1 Certified on HP EliteDesk 705 Workstation Edition systems configured with NVIDIA Quadro® P1000 or AMD Radeon™ Pro WX 3100 graphics cards.
2 HP Sure Start Gen4 is available on HP Elite and HP Workstation products equipped with 8th generation Intel® or AMD processors.
3 HP Manageability Integration Kit Gen2 can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html
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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
5 Multi-core is designed to improve the performance of certain software products. Not all customers or software applications will necessarily benefit from the use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.
6 Optional or configurable feature. Professional graphics required for ISV certification.
7 HP Sure Start Gen4 is available on HP Elite and HP Workstation products equipped with 8th generation Intel® or AMD processors.
8 HP Sure Click is available on most HP PCs and supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and Adobe® PDF files in read-only mode, when Microsoft Office or Adobe® Acrobat® are installed.
9 HP Sure Run is available on HP Elite and HP Workstation products equipped with 8th generation Intel® or AMD processors.
10 HP Sure Recover is available on HP Workstations with 8th generation Intel® or AMD processors and requires an open, wired network connection. Not available on platforms with multiple internal storage drives, Intel® Optane™. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
11 HP Manageability Integration Kit Gen2 can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html

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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com/
2 Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see https://aka.ms/ProEducation for Windows 10 Pro Education feature information.
3 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. AMD's numbering is not a measurement of clock speed.
4 Native Miracast Support is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
5 For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. Memory modules support data transfer rates up to 2133 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate. All memory slots are customer accessible / upgradeable.
6 HP BIOSphere: HP BIOSphere Gen4 features may vary depending on the PC platform and configurations requires 8th Gen Intel® processors.
7 For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.
8 NOTE: Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel® and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.hp.com
9 EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. See HP's 3rd party option store for solar energy accessory at www.hp.com/go/options.
10 External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
11 Sold separately or as an optional feature.
12 Two 2.5" HDD: can be configured with either (1) 3.5" or (2) 2.5" internal storage drive (2.5 inch drive needs adapter).
13 All memory slots are customer accessible / upgradeable.
14 HP USB Hardened Mouse: Not available in all regions.
15 HP Secure Erase: for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
16 Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
17 HP ePrint Driver + JetAdvantage requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Print times and connection speeds may vary.
18 HP Support Assistant requires Windows and Internet access.
19 Windows Defender Opt In, Windows 10, and internet connection required for updates.
20 HP PhoneWise: HP PhoneWise Client is only available on select platforms. For supported platforms and HP PhoneWise system requirements see www.hp.com/go/HPPhoneWise
21 HP Sure Recover: is available on HP Elite PCs with 8th generation Intel® or AMD processors and requires an open, wired network connection. Not available on platforms with multiple internal storage drives, Intel® Optane™. You must back up important files, data, photos, videos, etc. before use to avoid loss of data.
22 Only 1 Flex IO can be selected.
23 WLAN offered as an optional feature. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.
24 HP Client Security Suite Gen 4: requires Windows and Intel® or AMD 8th generation processors.
25 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.
26 HP Sure Start Gen 4: is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.
27 Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified): 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).
28 RAID configurations: is optional and does require a second hard drive.
29 HP Sure Run: is available on HP Elite products equipped with 8th generation Intel® or AMD processors.
30 HD-DVD disks cannot be played on this drive. No support for DVD-RAM. Actual speeds may vary. Don't copy copyright-protected materials. Discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

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