Datasheet

HP EliteDesk 705 G3 Microtower PC

Scalable, powerful, business solution

The HP EliteDesk 705 delivers impressive value with uncompromising performance, security, and manageability. Customize your HP EliteDesk 705 with expandable options that provide an enterprise-class experience to meet virtually any business need.

HP recommends Windows 10 Pro.

- Windows 10 Pro[1]
- AMD PRO A-Series APU[2]; AMD Ryzen Pro processors[2]

Pure performance and enhanced visual experience
- Enjoy the powerful performance of the latest 65W AMD Ryzen™ 3 PRO and Ryzen™ 5 PRO CPUs[2] or amplify performance with the optional 95W AMD Ryzen™ 7 PRO CPU[2], [3] with up to 8 cores, 16 threads[4], and high-end discrete graphics for immersive VR content.

Self-healing safeguard
- HP Sure Start with Runtime Intrusion Detection[5] monitors in-memory BIOS, recovers the platform without user or admin intervention, restores the BIOS to a custom state, and is enterprise ready for centralized management.

Reliability for the long haul
- This work-ready PC is designed with platform stability up to 18 months for a long life cycle. Rest easy with a PC that passed 120,000 hours of testing and is designed to undergo MIL-STD 810G[6] testing.

Fit user needs and the budget
- The latest AMD PRO A-Series APUs[2] with Radeon™ graphics deliver desktop performance optimized for diverse digital workloads and dependable daily productivity across your business.

Featuring
- Help secure the future of your modern business. Modern PCs from HP make the most of Windows 10 Pro[1] to protect you from today's security threats and maximize management and productivity features for business.
- Reduce the complexity of administration. HP Client Management Solutions[7] and Dash v1.1[8] allow easy management of your devices.
- Make the most of your portable devices with 10 total USB ports and an optional HP Tri-mode Wireless Charging Pad[4].
- Launch Skype for Business™ meetings quickly with the optional HP Collaboration Keyboard[4].
- Boot up fast and quickly transition between applications with an optional powerful HP Turbo Drive G2[4].
- Help increase productivity by up to 35%[9] with support for up to four external Elite Displays[4].
- Extend the life of your purchase. Using the tool-less chassis this easily upgradable platform features multiple bays, four expansion slots, ten USB ports and several connectors to help you meet growing demands.
- Help keep data safe and secure with dual storage RAID configurations[10], TPM and SED hard drives.

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Specifications Table

Form Factor	Microtower
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro.[1] Windows 10 Home 64[1] FreeDOS 2.0 NeoKylin Linux® 64
Available Processors[2]	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 A12-9800 APU with Radeon™ R7 Graphics (3.8 GHz base frequency, up to 4.2 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™ 3 PRO 1200 Quad-Core (3.1 GHz base frequency, up to 3.4 GHz burst frequency, 10 MB cache); AMD Ryzen™ 5 PRO 1500 Quad-Core (3.5 GHz base frequency, up to 3.7 GHz burst frequency, 18 MB cache); AMD Ryzen™ 7 PRO 1700X Eight-Core (3.4 GHz base frequency, up to 3.8 GHz burst frequency, 20 MB cache); AMD Ryzen™ 3 PRO 1300 Quad-Core (3.5 GHz base frequency, up to 3.7 GHz burst frequency, 10 MB cache)
Chipset	AMD B350 FCH
Maximum Memory	Up to 64 GB DDR4-2400 SDRAM Standard memory note: Transfer rates up to 2400 MT/s.
Memory slots	4 DIMM
Internal Storage	128 GB up to 512 GB HP Turbo Drive G2 SSD (PCIe)[4] 256 GB up to 512 GB HP Turbo Drive G2 TLC SSD (PCIe)[4] 128 GB up to 256 GB SATA SSD[4] 240 GB up to 512 GB SATA SED SSD[4] up to 1 TB SATA SSHD (7200 rpm)[4] 500 GB (8 GB cache) up to 1 TB (8 GB cache) SATA SSHD (5400 rpm)[4] up to 500 GB SATA SED (7200 rpm)[4]up to 500 GB SATA FIPS SED (5400 rpm)[4]500 GB up to 2 TB SATA (7200 rpm)[4]256 GB up to 512 GB SATA TLC SSD[4]
Optical Storage	Slim SATA DVD-ROM; Slim SATA DVD-Writer[5]
Available Graphics	Integrated: AMD Radeon™ HD Discrete: AMD Radeon™ R5 420 Graphics (1 GB GDDR5 dedicated); AMD Radeon™ R7 430 Graphics (2 GB DDR4 dedicated); AMD Radeon™ R7 450 Graphics (4 GB DDR3 dedicated); AMD Radeon™ R9 350 Graphics (2 GB GDDR5 dedicated); AMD Radeon™ RX 460 Graphics (2 GB GDDR5 dedicated); AMD Radeon™ RX 480 Graphics (4 GB DDR4 dedicated); NVIDIA® GeForce® GT 730 (1 GB DDR3 dedicated); NVIDIA® GeForce® GT 730 (2 GB DDR3 dedicated); NVIDIA® Quadro® 310 (1 GB DDR3 dedicated); NVIDIA® GeForce® GT 730 (2 GB DDR5 dedicated)[14,15,21] (AMD Radeon™ HD graphics integrated on processor)
Audio	DTS Studio Sound™ with Realtek ALC221, microphone and headphone front ports (3.5 mm), line-out and line-in rear ports (3.5 mm), internal mono speaker.
Communications	LAN: Integrated Broadcom NetXtreme GbE Plus; Intel® I210-T1 PCIe GbE (optional) WLAN: Intel® 8260 Dual Band wireless 802.11ac (2x2) PCIe combo card; Intel® 7265 Dual Band wireless 802.11ac (2x2) PCIe combo card[6]
Expansion Slots	2 PCIe x1; 1 PCIe x16 (x4); 1 PCIe x16 (x16)
Ports and Connectors	Front: 1 USB 2.0; 1 USB 2.0 (fast charging); 2 USB 3.1 Gen 1; 1 Headphone/microphone; 1 Headphone connector Back: 2 USB 2.0; 4 USB 3.1 Gen 1; 1 serial; 2 PS/2 (keyboard & mouse); 1 VGA; 2 DisplayPort; 1 audio line in; 1 audio line out; 1 RJ-45; 1 second serial (optional); 1 parallel (optional)[20] Internal: 3 SATA storage connectors
Internal Drive Bays	One 8,9 cm (3.5")
External Drive Bays	One slim ODD; 1 SD 4 card reader (optional)
Input Device	HP USB Smart Card (CCID) Keyboard; HP USB Grey Keyboard; HP USB Keyboard and Mouse; HP Conferencing Keyboard; HP USB Business Slim Keyboard; HP PS/2 Business Slim Keyboard; HP Wireless Business Slim Keyboard and Mouse[7] HP PS/2 Mouse; HP USB Mouse; HP USB 1000 dpi Laser Mouse; HP USB Hardened Mouse; HP Grey Mouse[7]
Available Software	HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Jumpstart; HP Recovery Manager; HP Support Assistant[9,10]
Security Management	DriveLock; Hood sensor; HP Client Security Suite Gen 3; HP Credential Manager; HP Device Access Manager; HP Password Manager; HP Power On Authentication; HP Security Manager; HP Spare Key; Power-on password (via BIOS); RAID configurations; Serial enable/disable (viaBIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified)[15,16]
Management Features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP SoftPaq Download Manager; HP System Software Manager (download); LANDESK Management; HP Image Assistant; HP Management Integration Kit for Microsoft System Center Configuration Management[17,18]
Power	280 W standard efficiency; 280 W up to 93% efficient, active PFC
Dimensions	170 x 340 x 355 mm (Vertical microtower orientation)
Weight	6.76 kg (Configured with 1 HDD & 1 ODD. Weight will vary by configuration.)
Environmental	Low halogen[12]
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® registered configurations available[11]
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.

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Accessories and services (not included)

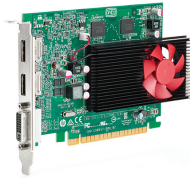|	
HP Business PC Security Lock v2 Kit	Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 Kit. **Product number: N3R93AA**

HP 8GB DIMM DDR4 Memory	Maximize your business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor. **Product number: P1N52AA**

AMD Radeon R9 350 PCIe x16 Graphics Card	Drive your everyday PC, Web conferencing, and video or photo content to up to two displays from one card with the AMD Radeon™ R9 350 2GB PCIe x16 Card. **Product number: N3R91AA**

HP Wireless Slim Business Keyboard	Enjoy easy data entry and wireless connectivity with the HP Wireless Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs. **Product number: N3R88AA**

HP 5 year Next Business Day Onsite Hardware Support for Desktops	Receive 5 years of next business day onsite HW Support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. **Product number: U7899E**

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Messaging 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] 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.

[3] Sold separately or as an optional feature on the HP EliteDesk 705 G3 MT expected availability Fall 2017.

[4] Sold separately or as an optional feature.

[5] Available on HP EliteBook and HP EliteDesk products equipped with AMD 7th generation APUs.

[6] MIL-STD testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[7] Requires Windows.

[8] Third party management software is sold separately. Dash certified and enterprise manageability qualified to work with MS SCCM and LANDesk.

[9] "Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays," Koala LLC Ergonomics Consulting, November 6, 2012.

[10] RAID configuration is optional and does require a second hard drive.

Technical specifications disclaimers

[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

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[4] 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) is reserved for system recovery software.

[5] Duplication of copyrighted material is strictly prohibited. Actual speeds may vary.

[6] Wireless access point and Internet service required and not included. Availability of public wireless access points limited.

[7] Sold separately or as an optional feature.

[9] Please refer to this product's quick spec document for a full list of preinstalled software.

[10] HP ePrint Driver 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).

[11] 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.

[12] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

[13] 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

[14] Supports HDMI 1.4b features.

[15] Power On Authentication: HP commercial platforms support password with this feature and fingerprint where applicable.

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

[17] HP SoftPaq Download Manager; HP System Software Manager; HP BIOS Config Utility; HP Client Catalog; HP Management Integration Kit for Microsoft System Center Configuration Manager: Not preinstalled, however available for download at http://www.hp.com/go/clientmanagement

[18] LANDesk Management: Subscription required.

[19] AMD Ryzen™ PRO CPU requires discrete graphic card attached.

[20] Two (2) DisplayPort monitor connectors and one (1) VGA monitor connector will not be functional when Ryzen PRO CPU is selected.

[21] Optional and must be configured at purchase.

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