



HP EliteDesk 705 35W G4 Desktop Mini PC

Ultra-small, enterprise ready

Get outstanding power that meets your budget requirements with the performance, security, manageability, and expandability of the HP EliteDesk 705 Desktop Mini.



HP recommends Windows 10 Pro.

- Windows 10 Pro¹
- AMD Ryzen™ Processor²

Meet the mighty Mini

- Create panoramic views of static and dynamic imagery on up to 7 daisy-chained displays from one PC with a 35W AMD Ryzen™ PRO Processor² and optional discrete AMD Radeon™ graphics.³

Streamlined for the Office of the Future

- Take your footprint down to near zero with a PC that mounts securely behind an HP EliteDisplay⁴, or place it almost anywhere with HP accessories.³ Reduce display connection clutter with a single short USB-C™ cable⁵ and rear I/O ports.

Expansion that extends your investment

- Maximize PC life as your business needs change with an optional³ serial port for legacy devices or VGA, HDMI, Display Port™ or USB-C™ DisplayPort™ Alt-Mode for displays.

Built-in security and manageability

- Get a highly secure and manageable PC that has the self-healing protection of HP Sure Start Gen4⁶, and easily manage devices through Microsoft through Microsoft System Center Configuration Manager with HP Manageability Integration Kit.⁷

Featuring

- Be productive in any situation with Windows 10 Pro and powerful security, collaboration, and connectivity features from HP.
- Protect your PC with the hardware-enforced self-healing protection of HP Sure Start Gen4 that automatically recovers the BIOS.
- Keep your critical applications and processes running even if malware tries to shut them down with the self-healing protection of HP Sure Run.
- Quickly and securely restore PCs to the latest image using a network connection with optional HP Sure Recover.
- Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- Keep data out of reach and defend against theft, attacks, and unauthorized users with HP Client Security Manager Gen4.
- ITDMs can quickly help create, improve, and secure custom Windows images with HP Image Assistant Gen3.
- Rest easy with a PC that goes the distance and is designed to pass HP Total Test Process and MIL-STD 810G testing.

HP EliteDesk 705 35W G4 Desktop Mini PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ Windows 10 Pro 64 (National Academic only) ² Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ FreeDOS
Processor family⁸	7th Generation AMD A10 APU processor (A10-9700E); 7th Generation AMD A6 APU processor (A6-9500E); AMD Athlon™ PRO processor; AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 5 PRO processor; 6th Generation AMD A6 APU processor (A6-8570E); 6th Generation AMD A10 APU processor (A10-8770E); 6th Generation AMD A12 APU processor (A12-8870E)
Available Processors^{3,35,37}	AMD Ryzen™ 3 PRO 2200GE Quad-Core with Radeon™ Vega 8 Graphics (3.2 GHz base clock, up to 3.6 GHz max boost clock, 384 KB L1 cache, 2 MB L2 cache, 4 MB L3 cache); AMD Ryzen™ 5 PRO 2400GE Quad-Core with Radeon™ Vega 11 Graphics (3.2 GHz base clock, up to 3.8 GHz max boost clock, 384 KB L1 cache, 2 MB L2 cache, 4 MB L3 cache); AMD Athlon™ PRO 200GE APU Dual-Core with Radeon™ Vega 3 Graphics (3.2 GHz base clock, 192 KB L1 cache, 1 MB L2 cache, 4 MB L3 cache); AMD PRO A6-9500E APU Dual-Core with Radeon™ R5 Graphics (3 GHz base clock, up to 3.4 GHz max boost clock, 1 MB L2 cache); AMD PRO A10-9700E APU Quad-Core with Radeon™ R7 Graphics (3 GHz base clock, up to 3.5 GHz max boost clock, 2 MB L2 cache); AMD PRO A12-8870E APU Quad-Core with Radeon™ R7 Graphics (2.9 GHz base clock, up to 3.8 GHz max boost clock, 2 MB L2 cache); AMD PRO A10-8770E APU Quad-Core with Radeon™ R7 Graphics (2.8 GHz base clock, up to 3.5 GHz max boost clock, 2 MB L2 cache); AMD PRO A6-8570E APU Dual-Core with Radeon™ R5 Graphics (3 GHz base clock, up to 3.4 GHz max boost clock, 1 MB L2 cache)
Chipset	AMD B350 FCH
Form factor	Mini
Maximum memory	32 GB DDR4-2933 SDRAM Transfer rates up to 2933 MT/s.
Memory slots	2 SODIMM
Internal storage	500 GB up to 1 TB 7200 rpm SATA ⁷ up to 500 GB SATA SED ⁷ up to 500 GB 7200 rpm SATA FIPS SED ⁷ 500 GB up to 1 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 ⁷ 256 GB up to 512 GB PCIe® NVMe™ SSD ⁷ 256 GB up to 1 TB PCIe® NVMe™ TLC M.2 SSD ⁷ up to 256 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD ⁷
Available Graphics	Integrated: AMD Radeon™ R5 Graphics Discrete: AMD Radeon™ RX 560X Graphics (4 GB GDDR5 dedicated) ^{12,38}
Audio	Conexant CX20632 codec, universal audio jack, headset and headphone front ports (3.5 mm), multi-streaming capable
Expansion slots	1 M.2 2230; 1 M.2 2230/2280 (1 M.2 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
Ports and Connectors	Front: 1 headphone; 1 headset connector; 1 USB 3.1 Gen 1; 1 USB 3.1 Gen 1 (charging); 1 USB 3.1 Type-C™ Gen 2 ¹³ Rear: 1 external antenna connector; 1 power connector; 1 RJ-45; 2 DisplayPort™ 1.2; 4 USB 3.1 Gen 1 Optional: 1 DisplayPort™ 1.2; 1 HDMI 2.0; 1 serial; 1 USB 3.1 Type-C™ Gen 1 (DisplayPort™); 1 VGA
Input devices	HP Conferencing Keyboard; HP USB Business Slim Keyboard; HP USB Keyboard; HP Wireless Business Slim Keyboard and Mouse Combo; PS/2 Business Slim Keyboard; HP Wireless Collaboration Keyboard ¹² ; HP USB 1000 dpi Laser Mouse; HP USB Antimicrobial Mouse; HP USB Hardened Mouse; HP USB Optical Mouse; HP USB Premium Mouse ^{9,12}
Communications	LAN: Realtek RTL8111EPH GbE WLAN: 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™; Intel® Dual Band Wireless-AC 8260 Wi-Fi 5 (2x2) PCIe® and Bluetooth® 4.2 Combo ;
Drive Bays	One 2.5" HDD ¹⁵
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH
Available Software	Absolute Persistence module; HP Hotkey Support; HP Noise Cancellation Software; HP Recovery Manager; HP Secure Erase; HP Support Assistant; Native Miracast Support; HP Wireless Wakeup; Buy Office (sold separately); HP LAN-Wireless Protection; HP Sure Recover; Windows Defender; HP JumpStarts ^{4,18,19,21,22,24,25}
Security management	DriveLock; Hood sensor; HP BIOSphere; HP Client Security Suite Gen 4; HP Credential Manager; HP Device Access Manager; HP Password Manager; HP Power On Authentication; HP Security Manager; HP Spare Key; HP Sure Run; HP Sure Start Gen4; Master Boot Record Security; Power-on password (via BIOS); Pre-boot Authentication; RAID configurations; SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); USB enable/disable (via BIOS) ^{6,28,29,30,31,32,33,34}
Management features	HP BIOS Config Utility (download); HP Client Catalog (download); HP Cloud Recovery; HP Driver Packs (download); HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2; HP System Software Manager (download); Ivanti Management Suite; Update BIOS via Cloud or Network (BIOS feature) ^{5,26,27,36}
Power	65 W external power adapter, up to 89% efficiency, active PFC; 150 W external power adapter, up to 89% efficiency, active PFC ¹⁶
Dimensions	17.7 x 17.5 x 3.4 cm
Weight	1.26 kg (Exact weight depends on configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable ¹⁰
Environmental specifications	Low halogen ¹¹

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Accessories and services (not included)

HP DM VESA Power Supply Holder Kit



Simplify cable management when mounting your HP Desktop Mini with the HP DM VESA Power Supply Holder Kit, which attaches to your HP Desktop Mini Security/Dual VESA Sleeve v2 (2JA32AA) to reduce cable clutter from the PC's power supply cable and brick.

Product number: 1RL87AA

HP B300 PC Mounting Bracket



Customize an altogether better solution with the HP B300 PC Mounting Bracket, which lets you attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select 2017 and 2018 HP EliteDisplays and HP Z Displays.¹

Product number: 2DW53AA

HP Desktop Mini Security/Dual VESA Sleeve v2



Wrap your HP Desktop Mini PC in the HP Desktop Mini Security/Dual VESA Sleeve v2 to securely mount it—with or without an Expansion Module¹—behind your display, position the solution on a wall, and lock it down with the integrated security bracket and optional HP Ultra-Slim Cable Lock.

Product number: 2JA32AA

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 Master Keyed Cable Lock 10mm



Help keep your notebook safe in the office and high-traffic areas by tethering it to a secure surface with the HP Master Keyed Cable Lock 10mm, designed specifically for ultra-thin profile notebooks.

Product number: T1A63AA

HP 3-year Next Business Day Onsite Optional Customer Self Repair Desktop/Workstation Only Hardware Service



Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc.

Product number: UE379E

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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.
- ⁴ Display sold separately. Requires HP B300 or B500 PC Mounting Bracket for Monitors, sold separately. See display QuickSpecs for bracket guidance.
- ⁵ Short USB-C™ cable included with PC configured with optional USB-C™ DisplayPort™ Alt-Mode port.
- ⁶ HP Sure Start Gen4 is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors. On AMD processors, only Intrusion Detection is supported.
- ⁷ HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- ⁸ HP Sure Run is available on HP Elite products equipped with 8th generation Intel® or AMD processors.
- ⁹ 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 drives or Intel® Optane™. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
- ¹⁰ 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 PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
- ¹¹ HP Client Security Manager Gen4 requires Windows and 8th generation Intel® or AMD processors or later.
- ¹² HP Total Test Process testing is not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

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 HP Driver Packs: not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>
- ⁶ HP BIOSphere: HP BIOSphere Gen4 requires Intel® or AMD 8th Gen processors. Features may vary depending on the platform and configurations.
- ⁷ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) of disk is reserved for 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 USB Antimicrobial Mouse: Not available in all regions; HP USB Hardened Mouse: Not available in all regions.
- ¹⁰ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ¹¹ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ¹² Sold separately or as an optional feature.
- ¹³ (1) USB 3.1 Type-C™ Gen 2: Fast charging.
- ¹⁴ One 2.5" SATA HDD: Sold separately or as an optional feature.
- ¹⁵ 150 W external power adapter, up to 89% efficiency, active PFC: when ordered with a discrete graphics card.
- ¹⁶ HP Secure Erase: for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
- ¹⁷ Absolute Persistence module: 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.
- ¹⁸ HP Support Assistant: requires Windows and Internet access.
- ¹⁹ Windows Defender: Windows Defender Opt In, Windows 10, and internet connection required for updates.
- ²⁰ 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.
- ²¹ HP Recovery Manager: available for a limited time on certain models.
- ²² HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2: HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>
- ²³ Ivanti Management Suite: subscription required.
- 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 Gen4: 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 HP Drive Lock is not supported on NVMe drives.
- ³¹ AMD Ryzen™ PRO CPU requires discrete graphic card attached.
- ³² HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.
- ³³ Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- ³⁴ As of 2019, AMD Radeon™ RX 560 is renamed to AMD Radeon™ RX 560X.

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