

## Datasheet

# HP EliteDesk 705 G2 Microtower PC



## Scalable, powerful, business solution

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



- Windows 10 Pro<sup>1</sup>
- AMD PRO A-Series APU<sup>2</sup>

### Pure performance and enhanced visual experience

- Unlock the full potential of your PC. The latest AMD PRO A-Series APUs<sup>2</sup> with AMD Radeon™ graphics and HP Pixel Sharp video filtering that produces sharp and color-accurate images and videos, for crystal-clear video conferencing.

### Heavy security

- IT efficiency reigns supreme when it's backed by a full portfolio of security solutions, including HP BIOSphere with Sure Start.<sup>3</sup>

### Tested to go the distance

- Rest easy with a PC that passed 120,000 hours of testing and is designed to undergo MIL-STD 810G<sup>4</sup> testing to help ensure reliability in the most demanding work environments.

### Featuring

- Help secure the future of your modern business. Modern PCs from HP make the most of Windows 10<sup>1</sup> to protect you from today's security threats and maximize management and productivity features for business.
- Reduce the complexity of administration. DASH,<sup>5</sup> Windows 10<sup>1</sup> manageability features, and HP Common Core BIOS help you easily and affordably manage assets.
- Extend your business investments with a long life cycle and platform stability.
- Help increase productivity by up to 35%<sup>7</sup> with support for up to four external Elite Displays.<sup>8</sup>
- Extend the life of your purchase. Using the tool-less chassis this easily upgradable platform features up to four expansion slots, ten ports and multiple connectors to help you meet growing demands.
- Help keep data safe and secure with dual storage RAID configurations, TPM and SED hard drives.<sup>9</sup>
- HP helps you preserve your time and optimize your resources with expert configuration and deployment services that bring you fast, accurate, and globally standardized IT solutions.
- Reduce energy consumption and costs with ENERGY STAR® certified and EPEAT® Gold qualified configurations.<sup>10</sup>

# HP EliteDesk 705 G2 Microtower PC Specifications Table



<b>Form Factor</b>	Microtower
<b>Available Operating System</b>	Windows 10 Pro 64 <sup>1,2</sup> Windows 10 Home 64 <sup>1,2</sup> Windows 8.1 Pro 64 <sup>3</sup> Windows 8.1 64 <sup>3</sup> Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) <sup>4</sup> Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro) <sup>3</sup> Windows 7 Professional 64 <sup>3</sup> Windows 7 Professional 32 <sup>3</sup> NeoKylin Linux 64 FreeDOS 2.0
<b>Available Processors<sup>7</sup></b>	AMD PRO A10-8850B APU with Radeon™ R7 Graphics (3.9 GHz, 4 MB cache, 4 cores); AMD PRO A10-8750B APU with Radeon™ R7 Graphics (3.6 GHz, 4 MB cache, 4 cores); AMD A10 PRO-7800B APU with Radeon™ R7 Graphics (3.5 GHz, 4 MB cache, 4 cores); AMD PRO A8-8650B APU with Radeon™ R7 Graphics (3.2 GHz, 4 MB cache, 4 cores); AMD A8 PRO-7600B APU with Radeon™ R7 Graphics (3.1 GHz, 4 MB cache, 4 cores); AMD PRO A6-8550B APU with Radeon™ R5 Graphics (3.7 GHz, 1 MB cache, 2 cores); AMD PRO A4-8350B APU with Radeon™ R5 Graphics (3.5 GHz, 1 MB cache, 2 cores); AMD A4 PRO-7300B APU with Radeon™ HD 8470D Graphics (3.8 GHz, 1 MB cache, 2 cores)
<b>Chipset</b>	AMD A78
<b>Maximum Memory</b>	Up to 32 GB DDR3L-1600 SDRAM <sup>8</sup> Standard memory note: Transfer rates up to 1600 MT/s
<b>Memory slots</b>	4 DIMM
<b>Internal Storage</b>	120 GB up to 256 GB SATA SSD <sup>9</sup> 120 GB up to 256 GB SATA SE SSD <sup>9</sup> 500 GB up to 1 TB SATA SSHD <sup>9</sup> 500 GB up to 2 TB SATA (7200 rpm) <sup>9</sup> 128 GB up to 256 GB HP Turbo Drive (PCIe SSD) <sup>9</sup> 128 GB up to 512 GB SATA TLC SSD <sup>9</sup>
<b>Optical Storage</b>	Slim SATA BDXL Blu-ray writer; Slim SATA SuperMulti DVD writer; Slim SATA DVD-ROM <sup>10,11</sup>
<b>Available Graphics</b>	Integrated: AMD Radeon™ HD <sup>13,14</sup> Discrete: AMD Radeon™ R9 350 (2 GB); NVIDIA® GeForce® GT730 (2 GB) <sup>13,14</sup>
<b>Audio</b>	DTS Sound+™ audio management technology, HD audio with Realtek ALC221 codec (all ports are stereo), microphone and headphone front ports (3.5 mm), line out and line in rear port (3.5 mm), multi-streaming capable, internal speaker
<b>Communications</b>	LAN: Integrated Broadcom NetXtreme GbE Plus; Broadcom 802.11n Wireless PCIe with Bluetooth® (optional); Intel® 7265 802.11ac Wireless PCIe with Bluetooth® (optional) <sup>12</sup>
<b>Expansion Slots</b>	1 full-height PCIe x16 (x4); 1 full-height PCIe x16; 2 full-height PCIe x1
<b>Ports and Connectors</b>	Front: 2 USB 3.0; 2 USB 2.0 (1 fast charging); 1 audio line in; 1 audio line out Back: 4 USB 2.0; 2 USB 3.0; 1 serial; 1 serial (optional); 1 parallel (optional); 2 PS/2 (keyboard and mouse); 1 VGA; 2 DisplayPort; 1 audio line in; 1 audio line out; 1 RJ-45
<b>Internal Drive Bays</b>	Two 8.9 cm (3.5")
<b>External Drive Bays</b>	One slim ODD; 1 SD 3 reader (optional)
<b>Available Software</b>	HP business PCs are shipped with a variety of software titles including: HP BIOSphere with Sure Start, HP Drive Encryption (FIPS 140-2), HP Security Manager, Microsoft Security Essentials, CyberLink Power2Go, Native Miracast Support, HP ePrint Driver, HP Recovery Manager, Foxit PhantomPDF Express. Please refer to this product's quick spec document for a full list of preinstalled software <sup>16,17,18,19,20</sup>
<b>Security Management</b>	HP BIOSphere with Sure Start; Trusted Platform Module (TPM) 1.2 (Common Criteria EAL4+ certified); SATA port disablement (via BIOS); Drive lock; RAID (available as a configurable option); Serial, parallel, USB enable/disable (via BIOS); Optional USB port disable at factory (user configurable via BIOS); Removable media write/boot control; Power-on password (via BIOS); Setup password (via BIOS); HP Solenoid Hood Lock/Sensor; Support for chassis padlocks and cable lock devices <sup>16</sup>
<b>Management Features</b>	AMD DASH 1.1 technology capable
<b>Power</b>	280 W, up to 92% efficient, active PFC
<b>Dimensions</b>	14 x 13.4 x 6.7 in 355 x 340 x 170 mm
<b>Weight</b>	6.76 kg (Weight varies by configuration)
<b>Environmental</b>	Low halogen
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified and EPEAT® Gold registered configurations available <sup>21</sup>
<b>Warranty</b>	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 G2 Microtower PC

### Accessories and services (not included)

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#### HP 9.5mm Desktop G2 Slim DVD-Writer Drive



Affordably add an optical storage writer to your HP Desktop PC<sup>1</sup> with the HP 9.5mm Desktop G2 Slim SuperMulti DVD Writer Drive, which connects through SATA and supports writing—up to 8.5 GB of data or four hours of DVD-quality video—to all DVD formats.

**Product number: N1M42AA**

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#### HP Turbo Drive 256 GB PCIe Solid State Drive



Reduce boot up, calculation, and graphics response times and revolutionize how your HP Business Desktop handles large files with the HP Turbo Drive 256 GB PCIe Solid State Drive, a remarkably affordable and innovative storage solution.

**Product number: N3S12AA**

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#### HP USB Keyboard for PC



The new HP USB Keyboard features an impressively durable design built for ease of use and everyday business computing.

**Product number: QY776AA**

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#### HP USB 1000dpi Laser Mouse



Obtain the speed and accuracy of laser tracking in a simple, elegant design with the HP USB 1000dpi Laser Mouse – for the latest in laser sensing technology.

**Product number: QY778AA**

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#### HP 5 year Next business day Onsite Desktop Only Hardware Support



Have expertise at the ready with HP Hardware Next Business Day Onsite Service, and vastly improve your product uptime. With high-quality remote assistance or convenient onsite support available 24x7, help is there when you need it—so you can get back to work.

**Product number: U7899E**

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# HP EliteDesk 705 G2 Microtower PC

## Messaging Footnotes

- <sup>1</sup> 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.microsoft.com>
- <sup>2</sup> This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system and a dual-core processor will vary. AMD's model numbering is not a measurement of clock speed.
- <sup>3</sup> HP BIOSphere features may vary depending on the PC platform & configuration.
- <sup>4</sup> 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.
- <sup>5</sup> Third party management software is sold separately. Dash certified and enterprise manageability qualified to work with MS SCCM and LANDesk.
- <sup>7</sup> "Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays," Koala LLC Ergonomics Consulting, November 6, 2012.
- <sup>8</sup> Support for up to four displays requires Displayport 1.2.
- <sup>9</sup> RAID configuration is optional and does require a second hard drive.
- <sup>10</sup> EPEAT® Gold registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.

## Technical specifications disclaimers

- <sup>1</sup> Not all features are available in all editions or versions of Windows 10. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows 10 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.microsoft.com>
- <sup>2</sup> Windows 10 preinstalled is planned to be available in October 2015 for this platform.
- <sup>3</sup> 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. See <http://www.microsoft.com>
- <sup>4</sup> This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- <sup>7</sup> This system requires a 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system will vary. AMD's numbering is not a measurement of clock speed.
- <sup>8</sup> Graphics chipset uses part of the total system memory (RAM) for graphics performance. System memory dedicated to graphics performance is not available for other use by other programs.
- <sup>9</sup> For Hard Drives and Solid State Drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 30 GB (for Windows 8 and 10) is reserved for system recovery software
- <sup>10</sup> Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.
- <sup>11</sup> With Blu-Ray drive XL, certain disc, digital connection, compatibility and performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require an HDCP path and HDCP display. HD-DVD movies cannot be played on this BDXL Drive.
- <sup>12</sup> Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.
- <sup>13</sup> HD content required to view HD images.
- <sup>14</sup> AMD and NVIDIA discrete graphics sold separately or as an optional feature.
- <sup>15</sup> Optional or add-on feature.
- <sup>16</sup> HP BIOS Protection may require a manual recovery step if all copies of BIOS are compromised or deleted.
- <sup>17</sup> Drive Encryption requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access.
- <sup>18</sup> HP ePrint 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](http://www.hp.com/go/eprintcenter)).
- <sup>19</sup> Microsoft Security Essentials requires Windows 7 and internet access.
- <sup>20</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. Miracast is available for Windows 8 and Windows 10. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>
- <sup>21</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>22</sup> External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

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