



# HP 285 G3 Microtower PC

Optimize your resources with the HP 285 MT equipped with powerful processors, security features, and essential tools for business. This is an easy PC to set up with a scalable and functional design that can grow with your business.



HP recommends Windows 10 Pro.

- Windows 10 Pro<sup>1</sup>
- 2TB hard drive<sup>2</sup>

## Simply reliable

- The HP 285 MT delivers reliable performance for your business with the tools you need for work. Enhance your experience with the optional HP Conferencing Keyboard and HP Business Headset for collaboration<sup>3</sup>.

## Functional design

- Enjoy the full desktop experience on the scalable HP 285 MT with a functional design that compliments your workspace and is easy to set up and use.

## Optimized performance

- Choose from 7th generation AMD PRO APUs<sup>4</sup> or an optional AMD Ryzen 3 or 5 Pro CPU<sup>4</sup> to deliver powerful desktop performance optimized for dependable daily productivity with up to 32GB of DDR4 memory<sup>5</sup>.

## Legacy support

- PCIe x1, PCIe x16 slots and legacy support of PCI slot, serial, and optional parallel ports along with VGA and HDMI on the HP 285 MT help ensure broad compatibility with existing technology investments.

## Featuring

- Help secure the future of your business. PCs from HP make the most of Windows 10 Pro to protect you from today's security threats and maximize management and productivity features for business.
- The embedded Trusted Platform Module TPM 2.0 provides hardware-based encryption keys to help secure your data, e-mail, and user credentials.
- Make connections to peripherals with eight USB ports on the HP 285 MT. Two front USB 3.1 and four rear USB 3.1 ports are ready to charge your tablet, phone and more, while two rear USB 2.0 ports are ready to connect to compatible peripherals.
- Spend less time and get right to the updates you need with HP Support Assistant.
- Make productivity a priority and quickly transfer files or add some temporary storage with the SD card reader, now standard on the HP 285 MT.

HP 285 G3 Microtower PC Specifications Table



Form Factor	Microtower
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. <sup>1</sup> Windows 10 Pro 64 (National Academic only) <sup>1,19</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Home Single Language 64 <sup>1</sup> FreeDOS
Processor Family	7th Generation AMD A10 APU processor (A10-9700); 7th Generation AMD A6 APU processor (A6-9500); 7th Generation AMD A8 APU processor (A8-9600); AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 5 PRO processor; AMD Ryzen™ 7 PRO processor
Available Processors <sup>2,4</sup>	AMD Ryzen™ 5 2400G Quad-Core with Radeon™ Vega 11 Graphics (3.6 GHz base clock, up to 3.9 GHz max boost clock, 384 KB L1 cache, 2 MB L2 cache, 4 MB L3 cache); AMD Ryzen™ 7 PRO 2700 Eight-Core (3.2 GHz base clock, up to 4.1 GHz max boost clock, 768 KB L1 cache, 4 MB L2 cache, 16 MB L3 cache); AMD Ryzen™ 5 PRO 2600 Six-Core (3.4 GHz base clock, up to 3.9 GHz max boost clock, 576 KB L1 cache, 3 MB L2 cache, 16 MB L3 cache); AMD PRO A8-9600 APU Quad-Core with Radeon™ R7 Graphics (3.1 GHz base clock, up to 3.4 GHz max boost clock, 2 MB L2 cache); AMD PRO A6-9500 APU Dual-Core with Radeon™ R5 Graphics (3.5 GHz base clock, up to 3.8 GHz max boost clock, 1 MB L2 cache); AMD PRO A10-9700 APU Quad-Core with Radeon™ R7 Graphics (3.5 GHz base clock, up to 3.8 GHz max boost clock, 2 MB L2 cache); AMD Ryzen™ 3 PRO 1200 Quad-Core (3.1 GHz base clock, up to 3.4 GHz max boost clock, 384 KB L1 cache, 2 MB L2 cache, 8 MB L3 cache); AMD Ryzen™ 3 PRO 1300 Quad-Core (3.5 GHz base clock, up to 3.7 GHz max boost clock, 384 KB L1 cache, 2 MB L2 cache, 8 MB L3 cache); AMD Ryzen™ 5 PRO 1500 Quad-Core (3.5 GHz base clock, up to 3.7 GHz max boost clock, 384 KB L1 cache, 2 MB L2 cache, 16 MB L3 cache)
Chipset	AMD B350
Maximum Memory	32 GB DDR4-2666 SDRAM Running at 2400 MT/s when configure with A-series APU.
Memory Slots	2 DIMM
Internal Storage	500 GB up to 2 TB 7200 rpm SATA HDD <sup>4</sup> 128 GB up to 256 GB SATA SSD <sup>4</sup> 128 GB up to 512 GB PCIe® NVMe™ M.2 SSD <sup>4</sup>
Optical Drive	HP 9.5 mm Slim DVD-Writer <sup>5</sup>
Available Graphics	Integrated: AMD Radeon™ R5 Graphics; AMD Radeon™ R7 Graphics <sup>3,20</sup> Discrete: AMD Radeon™ R5 420 Graphics (1 GB GDDR5 dedicated); NVIDIA® GeForce® GT 730 (1 GB DDR3 dedicated); NVIDIA® GeForce® GT 730 (2 GB DDR3 dedicated); AMD Radeon™ R7 430 Graphics (2 GB GDDR5 dedicated) <sup>15,17</sup>
Audio	Realtek ALC3601 codec, internal speaker, combo microphone/headphone jack
Expansion Slots	1 M.2; 1 PCIe x1; 1 PCIe x16; 1 M.2 2230/2280 <sup>8</sup> (M.2 slot for optional wireless LAN module.)
Ports and Connectors	Front: 1 headphone/microphone combo; 1 SD 3 card reader; 2 USB 3.1 <sup>18</sup> Rear: 1 HDMI; 1 line in; 1 line out; 1 microphone-in; 1 RJ-45; 1 serial; 1 VGA; 2 USB 2.0; 4 USB 3.1 Gen 1 <sup>22</sup> Internal: 1 parallel; 2 PS/2 <sup>21</sup>
Input Devices	HP USB Keyboard; PS/2 Business Slim Standalone Keyboard; USB Wired Business Slim Antimicrobial Standalone Keyboard; USB Business Slim Wired Keyboard <sup>7,10</sup> HP PS/2 Mouse; HP USB Optical Mouse; USB Antimicrobial Mouse; Universal USB wired optical mouse; USB Hardened Mouse <sup>7,11</sup>
Communications	LAN: Integrated 10/100/1000M GbE WLAN: Realtek 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 Combo <sup>6</sup>
Drive Bays	One 9.5 mm slim ODD; 1 SD 3 reader; One 3.5" HDD; One 3.5" (2.5") HDD
Available Software	Bing search for IE11; Buy Office; HP Audio Switch; HP Documentation; HP Recovery Manager; HP Support Assistant; HP System Event Utility; McAfee LiveSafe™; Buy Office (sold separately); HP JumpStarts <sup>16</sup>
Security Management	Lock slot; Trusted Platform Module (TPM) 2.0 <sup>23</sup>
Power	180 W internal power supply, up to 90% efficiency, active PFC; 310 W internal power supply, up to 90% efficiency, active PFC <sup>13</sup>
Dimensions	33.8 x 27.75 x 17 cm
Weight	5.4 kg (Configured with 1 HDD and 1 ODD. Weight will vary by configuration.)
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Silver; CECP; SEPA; CEL; FCC; UL; RoHS; CCC; CE <sup>14</sup>

## HP 285 G3 Microtower PC

### Recommended Accessories and Services

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#### HP USB Business Speakers v2



Speakers to enhance your personal listening experience.

**Product number: N3R89AA**

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#### HP Business Headset v2



Quickly and easily collaborate, chat online or listen to personal media with the crystal-clear sound and noise cancelling features of the sleek, lightweight HP Business Headset v2, designed to complement your professional workspace.<sup>1,2</sup>

**Product number: T4E61AA**

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



HP Care Pack

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](http://www.hp.com/go/cpc).

**Product number: UE379E**

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## 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 and/or software 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>.
- <sup>2</sup> For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36GB of system disk (for Windows 10) is reserved for system recovery software.
- <sup>3</sup> Sold separately or as an optional feature.
- <sup>4</sup> 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.
- <sup>5</sup> Maximum memory requires 64bit Operating System.

## Technical Specifications 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.windows.com>.
- <sup>2</sup> 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.
- <sup>3</sup> HD content required to view HD images.
- <sup>4</sup> 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.
- <sup>5</sup> Optical drives are optional or add on features. 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.
- <sup>6</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>7</sup> Keyboards and mice are optional or add-on features.
- <sup>8</sup> 1 M.2 2230/2280 storage.
- <sup>10</sup> USB Wired Business Slim Antimicrobial Standalone Keyboard: China only.
- <sup>11</sup> USB Antimicrobial Mouse: China only.
- <sup>13</sup> 310 W internal power supply, up to 90% efficiency, active PFC: Selected countries only.
- <sup>14</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at [www.hp.com/go/options](http://www.hp.com/go/options).
- <sup>15</sup> Supports an optional discrete graphics card.
- <sup>16</sup> McAfee LiveSafe™: McAfee is only available in the following countries Brazil, Chile and Argentina. Subscription required.
- <sup>17</sup> AMD Radeon™ R5 420 Graphics (1 GB GDDR5 dedicated): Selected countries only.
- <sup>18</sup> Card sold separately.
- <sup>19</sup> 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.
- <sup>20</sup> AMD Radeon R5 series (integrated on A6 processor). AMD Radeon R7 series (integrated on A8/A10 processor).
- <sup>21</sup> (1) Parallel Port: optional via PClex1 slot; (2) PS/2 Ports: optional.
- <sup>22</sup> HDMI Port: will be covered up when discrete graphic card is configured on shipped machine; VGA Port: will be covered up when discrete graphic card is configured on shipped machine.
- <sup>23</sup> TPM feature will not be supported on machines pre-configured with FreeDOS. In selected countries, machines pre-configured with Windows OS will be shipped with TPM disabled.
- <sup>24</sup> Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

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