



# 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>



## **Get reliable performance with the tools you need for work.**

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>.

## **Enjoy a full desktop experience in a scalable and easy to set up Microtower form factor.**

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.

## **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.**

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>.

## **Help ensure compatibility with existing technology investments with the HP 285 MT.**

PCIe x1, PCIe x16 slots and legacy support of PCI slot, serial port, optional PS/2 and optional parallel ports<sup>6</sup> 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.<sup>1</sup>
- Help protect your investment and your data with TPM (fTPM) and a security lock slot.
- 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 better use of your workspace. HP ePrint makes wireless printing simple, no need for drivers.<sup>6</sup>
- 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



<b>Form Factor</b>	Microtower
<b>Available Operating System</b>	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
<b>Processor Family</b>	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)
<b>Available Processors</b>	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™ 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™ 3 PRO 1300 Quad-Core (3.5 GHz base frequency, up to 3.7 GHz burst frequency, 10 MB cache); AMD Ryzen™ 5 2400G Quad-Core with Radeon™ RX Vega 11 Graphics (3.6 GHz base frequency, up to 3.9 GHz burst frequency, 6 MB cache); AMD Ryzen™ 3 2200G Quad-Core with Radeon™ Vega 8 Graphics (3.5 GHz base frequency, up to 3.7 GHz burst frequency, 6 MB cache) <sup>2</sup>
<b>Chipset</b>	AMD B350
<b>Maximum Memory</b>	32 GB DDR4-2666 SDRAM (Running at 2400 MT/s when configure with A-series APU.)
<b>Memory Slots</b>	2 DIMM
<b>Internal Storage</b>	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 256 GB PCIe® NVMe™ M.2 SSD <sup>4</sup> up to
<b>Optical Drive</b>	HP 9.5 mm Slim DVD-Writer <sup>5</sup>
<b>Available Graphics</b>	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>
<b>Audio</b>	Realtek ALC3601 codec, internal speaker, combo microphone/headphone jack
<b>Communications</b>	LAN: Integrated 10/100/1000M GbE WLAN: Realtek 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 Combo <sup>6</sup>
<b>Expansion Slots</b>	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.)
<b>Ports and Connectors</b>	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>
<b>Internal Drive Bays</b>	1 SD 3 reader; One 3.5" HDD; One 3.5" (2.5") HDD
<b>External Drive Bays</b>	One 9.5 mm slim ODD
<b>Available Software</b>	Bing search for IE11; Buy Office; HP Audio Switch; HP Documentation; HP ePrint Driver + JetAdvantage; HP Jumpstart; HP Recovery Manager; HP Support Assistant; HP System Event Utility; McAfee LiveSafe™; Buy Office (sold separately) <sup>9,16</sup>
<b>Security Management</b>	Lock slot; Trusted Platform Module (TPM) 2.0 <sup>23</sup>
<b>Power</b>	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>
<b>Dimensions</b>	13.3 x 10.92 x 6.69 in 33.8 x 27.75 x 17 cm
<b>Weight</b>	11.9 lb 5.4 kg (Configured with 1 HDD and 1 ODD. Weight will vary by configuration.)
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified; EPEAT® Silver; CECP; SEPA; CEL; FCC; UL; RoHS; CCC; CE <sup>14</sup>

## HP 285 G3 Microtower PC

Accessories and services (not included)

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### 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**

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### HP HDMI Standard Cable



Use the cable to connect your desktop to your standard HDMI devices and displays.

**Product number: T6F94AA**

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### HP USB Optical Scroll Mouse



Utilizing the latest optical sensing technology, the HP USB Optical Scroll Mouse records precise motion over a variety of surfaces without a mouse pad.

**Product number: QY777AA**

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### HP USB Slim Business Keyboard



Get fast data entry and quick USB connectivity with the HP USB Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs.

**Product number: N3R87AA**

## 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.

<sup>6</sup> 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.hpconnected.com](http://www.hpconnected.com)). Mobile devices require Internet connection and email capability. Some HP LaserJet printers may require firmware upgrades.

## 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>9</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 <http://www.hp.com/go/businessmobileprinting>.

<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.

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