



HP 285 G3 Microtower PC

Essential computing

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 for business

- Windows 10 Pro¹
- 2TB hard drive²

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 collaboration³.

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 APUs⁴ or an optional AMD Ryzen 3, 5, or 7 PRO CPU⁴ to deliver powerful desktop performance optimized for dependable daily productivity with up to 32 GB of DDR4 memory⁵.

Legacy support

- PCIe x1, PCIe x16 slots and legacy support of PCI slot, serial port, optional PS/2 and optional parallel ports⁵ 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.
- Help protect your investment and your data with firmware TPM 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 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



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ¹ Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹ FreeDOS
Processor family	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)
Available Processors ^{2,24,26,27,28,29}	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); AMD PRO A6-9500 APU with Radeon™ R5 Graphics (3.5 GHz base frequency, up to 3.8 GHz burst frequency, 1 MB L2 cache, 2 cores); AMD PRO A8-9600 APU Quad-Core with Radeon™ R7 Graphics (3.1 GHz base frequency, up to 3.4 GHz burst frequency, 2 MB L2 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, 384 KB L1 cache, 2 MB L2 cache, 4 MB L3 cache)
Chipset	AMD B350
Form factor	Microtower
Maximum memory	16 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 ⁴ 128 GB up to 512 GB PCIe® NVMe™ M.2 SSD ⁴
Optical drive	HP 9.5 mm Slim DVD-Writer ⁵
Available Graphics	Integrated: AMD Radeon™ R5 Graphics; AMD Radeon™ R7 Graphics ^{3,20}
Audio	Realtek ALC3601 codec, internal speaker, combo microphone/headphone jack
Expansion slots	1 M.2; 1 M.2 2242/2280; 1 PCI; 1 PCIe x1; 1 PCIe x16 ^{8,25} (M.2 slot for optional wireless LAN module.)
Ports and Connectors	Front: 1 3-in-1 SD card reader; 1 headphone/microphone combo; 2 USB 3.1 ¹⁸ Rear: 1 HDMI; 1 line in; 1 line out; 1 microphone-in; 1 RJ-45; 1 serial; 1 VGA; 2 USB 3.1 Gen 1; 4 USB 3.0 ²² Internal: 1 parallel; 2 PS/2 ²¹
Input devices	HP USB Keyboard ^{7,10} ; HP USB Optical Mouse ^{7,11} ;
Communications	LAN: Integrated 10/100/1000M GbE ; WLAN: Realtek 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 Combo ⁶ ;
Drive Bays	One 9.5 mm slim ODD; One 3.5" (2.5") HDD; One 3.5" HDD
Available Software	Bing search for IE11; Buy Office; HP Audio Switch; HP Documentation; HP Support Assistant; HP System Event Utility; McAfee LiveSafe™; Buy Office (sold separately); HP JumpStarts ¹⁶
Security management	Standard lock slot; Trusted Platform Module (TPM) 2.0 ²³
Power	180 W internal power supply, up to 90% efficiency, active PFC; 310 W internal power supply, up to 90% efficiency, active PFC ¹³
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.)
Ergonomic features	##displaytiltswiv##
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® Silver; CE ¹⁴
Warranty	1 year (1-1-1) limited warranty and service offering includes 1 year 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 8GB DDR4-2666 DIMM

Boost the capabilities of your HP Business Desktop PC and improve system performance and application responsiveness with low-power, high-speed DDR4 memory from HP. Proven performance and reliability to deliver maximum investment protection. Offering the perfect combination of performance, reliability and investment protection to any IT environment. For businesses that require superior stability and manageability with low lifecycle costs, or desktops with proven technology, superior price/performance and a wide choice of features, or even entry-level PCs that balance price and essential computing capabilities – the HP Desktop family holds the solution.

Product number: 3TK87AA

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. Proven performance and reliability to deliver maximum investment protection. Offering the perfect combination of performance, reliability and investment protection to any IT environment. For businesses that require superior stability and manageability with low lifecycle costs, or desktops with proven technology, superior price/performance and a wide choice of features, or even entry-level PCs that balance price and essential computing capabilities – the HP Desktop family holds the solution.

Product number: N3R87AA

HP TLC 256 GB SATA SSD



Expand the storage capabilities of your desktop with the HP TLC 256 GB SATA SSD¹, which includes TLC flash and the same reliability you already get from current from SSD drives. Expand the storage capabilities of your desktop with the HP TLC 256 GB SATA SSD¹, which includes TLC flash and the same reliability you already get from current from SSD drives. Offering the perfect combination of performance, reliability and investment protection to any IT environment. For businesses that require superior stability and manageability with low lifecycle costs, or desktops with proven technology, superior price/performance and a wide choice of features, or even entry-level PCs that balance price and essential computing capabilities – the HP Desktop family holds the solution.

Product number: P1N68AA

HP 3 year Next business day Onsite Desktop Only Hardware Support



Receive 3 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: U6578E

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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 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>.
- ² 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.
- ³ Sold separately or as an optional feature.
- ⁴ 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.
- ⁵ Maximum memory requires 64bit Operating System.

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 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 HD content required to view HD images.
- ⁴ 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.
- ⁵ 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.
- ⁶ 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.
- ⁷ Keyboards and mice are optional or add-on features.
- ⁸ (1) M.2 2242/2280 storage.
- ¹⁰ USB Wired Business Slim Antimicrobial Standalone Keyboard: China only.
- ¹⁴ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ¹⁵ Supports an optional discrete graphics card.
- ¹⁶ McAfee LiveSafe™: McAfee is only available in the following countries Brazil, Chile and Argentina. Subscription required.
- ¹⁸ Card sold separately.
- ²⁰ AMD Radeon™ R5 series (integrated on A6 processor), AMD Radeon™ R7 series (integrated on A8/A10 processor).
- ²¹ (1) Parallel Port: optional via PClex1 slot; (2) PS/2 Ports: optional.
- ²² 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.
- ²³ 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.
- ²⁴ Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- ²⁵ 4 serial port: optional via PCIe slot, and only available on select models.
- ²⁶ AMD PRO A12-9800 APU Quad-Core with Radeon™ R7 Graphics: Only available for specific regions.
- ²⁷ AMD Ryzen™ 3 PRO 2200G Quad-Core with Radeon™ Vega 8 Graphics: Only available for specific regions.
- ²⁸ AMD Ryzen™ 5 PRO 2400G Quad-Core with Radeon™ Vega 11 Graphics: Only available for specific regions.
- ²⁹ AMD Ryzen™ 7 PRO 2700 Eight-Core: Only available for specific regions.

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