HP Desktop Pro A 300 G3

Ready for work

Take on your everyday work with the affordable HP Desktop Pro A 300 equipped with the computing power you need and a price that fits your budget.
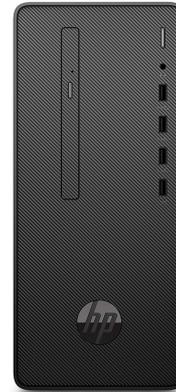
HP recommends Windows 10 Pro for business

- Windows 10[1]

Simply powerful

- Designed to be easy to set up and use, the space-saving HP Desktop Pro A 300 lets you power through the day with an optional AMD Ryzen™ 5 PRO processor[2] and up to 32 GB of DDR4 memory.[3]

Ready to grow

- Eight USB Ports, two video outputs, one PCIe x1, one PCIe x16, and one PCI slot provide expandability for the future. An optional speaker[3], optional serial[3], PS/2[3], and parallel ports[3] ensure compatibility with existing technology.

A wise investment

- Affordably meet the demands of your business with a reliable desktop equipped with the essential legacy features you need to support existing computing requirements.

- Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP.

- An optional AMD Ryzen™ 5 PRO processor provides plenty of power to help keep up with daily tasks to keep your business moving.

- Get fast and easy connections with optional Gigabit LAN and WLAN featuring 802.11ac protocol and Bluetooth® 4.2 connectivity.

- Spend less time and get right to the updates you need with HP Support Assistant.

- Help protect your data and your investment with firmware TPM and a security lock slot.

- Select from high capacity HDD options and speedy SSD options.

HP Desktop Pro A 300 G3 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[3]	AMD Ryzen™ 3 PRO processor; AMD Ryzen™ 5 PRO processor
Available Processors[4,19]	AMD Ryzen™ 5 PRO 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); AMD Ryzen™ 3 PRO 2200G Quad-Core with Radeon™ Vega 8 Graphics (3.5 GHz base frequency, up to 3.7 GHz burst frequency, 384 KB L1 cache, 2 MB L2 cache, 4 MB L3 cache)
Chipset	AMD PRO 500
Form factor	Microtower
Maximum memory	16 GB DDR4-2666 SDRAM [5] Transfer rates up to 2666 MT/s.
Memory slots	2 DIMM
Internal storage	500 GB up to 1 TB 7200 rpm SATA HDD[6] 128 GB up to 256 GB SATA SSD[6]
Optical drive	HP 9.5 mm Slim DVD-ROM; HP 9.5 mm Slim DVD-Writer [7]
Available Graphics	Integrated: AMD Radeon™ Vega 11 Graphics; AMD Radeon™ Vega 8 Graphics[18]
Audio	Realtek ALC3601 codec, combo microphone/headphone jack, line-in and line-out rear ports (3.5 mm), HD audio, optional internal speaker
Expansion slots	1 M.2 2230; 1 PCI; 1 PCIe x1; 1 PCIe x16 (x8) [12]
Ports and Connectors	Front: 1 headset connector; 4 USB 3.1 Gen 1 Rear: 1 audio-in; 1 audio-out; 1 HDMI 2.0; 1 power connector; 1 RJ-45; 1 VGA; 4 USB 2.0 Optional: 1 parallel; 1 PS/2; 1 serial
Input devices	Wired Standalone Keyboard[11]; HP USB Wired Optical Mouse[10,11];
Communications	LAN: Realtek RTL8111HSH-CG GbE ; WLAN: Realtek RTL8821CE-CG 802.11a/b/g/n/ac (1x1) with Bluetooth® M.2 PCIe® [8];
Drive Bays	One 3.5" (2.5") HDD; One 9 mm slim ODD
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 15 to 90% RH
Available Software	Bing search for IE11; HP Hotkey Support; HP JumpStarts; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Support Assistant [13]
Security management	Padlock loop; Standard lock slot[15]
Power	180 W internal power supply, up to 90% efficiency, active PFC
Dimensions	13.6 x 26.18 x 31 cm (With bezel.)
Weight	4.32 kg (Exact weight depends on configuration.)
Ergonomic features	##displaytiltswiv##
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable[17]
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 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 SSD[1], 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 SSD[1], 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 1TB 7200rpm SATA (NCQ/Smart IV) 6Gbp/s Hard Drive

Maximize performance of HP Business PCs and meet your storage demands with high-capacity drives. Serial ATA (NCQ and Smart IV) 6.0 Gb/s Hard Drives are available in the following models: 3.5" 7.2K – 1TB, 500 GB** and 3.5" 10K - 250GB** and 500GB.** 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: QK555AA

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. 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: QY777AA

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] AMD Ryzen™ PRO APU is an optional feature. 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] 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.

[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.

[5] Sold separately or as an optional feature. Wireless access point ad internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.

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/.

[3] 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 AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.hp.com.

[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] Memory modules support data transfer rates up to 2666 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate.

[6] 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.

[7] Optical drives are optional or add on features. HD-DVD disks cannot be played on this drive. No support for DVD-RAM. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs. Discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

[8] Wireless access point and internet service required. Availability of public wireless access point limited.

[11] Availability may vary by country.

[12] (1) M.2 2230 socket for WLAN.

[13] HP Support Assistant requires Windows and Internet access.

[15] Locks sold separately.

[17] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

[18] AMD Radeon™ Vega 8 Graphics: integrated on AMD Ryzen™ 3 PRO 2200G/AMD Ryzen™ 3 PRO 3200G; AMD Radeon™ Vega 11 Graphics: integrated on AMD Ryzen™ 5 PRO 2400G/AMD Ryzen™ 5 PRO 3400G.

[19] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

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