HP 290 G2 Microtower PC

Maximize your investment

Take on your everyday work at an affordable price with the HP 290 MT. Get the reliable computing power you need while minimizing the total cost of ownership—now that's a smart investment.

HP recommends Windows 10 Pro.

- Windows 10 Pro[1]
- 1TB hard drive[2]

Ready for work
- The HP 290 MT provides a powerful PC with the features you rely onto accomplish your everyday tasks.

Progressive style
- The scalable and functional design of the HP 290 MT makes it easy to set up and use.

Powered up processing
- Help optimize performance with an 8th Gen Intel® Core™ processor[3], optional NVIDIA® or AMD discrete graphic support[4], up to 16GB DDR4 memory[4], PCIe x1 and PCIe x16 slots for future growth and support for optional PCIe NVME storage.

Help keep data safe
- Help protect your investment and your data with firmware or discrete TPM and a security lock slot.

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.[1]
- Get fast and easy connections with optional Gigabit LAN and WLAN featuring 802.11ac protocol and Bluetooth® 4.2 connectivity.[5]
- Support two independent displays with VGA and HDMI connectivity. Make connections to peripherals with eight USB ports on the HP 290 MT with two front and two rear USB 3.1 Gen1 ports, four rear USB 2.0 ports and an optional serial port.[4]
- Spend less time and get right to the updates you need with HP Support Assistant.
- With the clean, professional software image on the HP 290 MT, you will be productive in no time!
- Make better use of your workspace. HP ePrint makes wireless printing simple, no need for drivers.[6]

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Specifications Table

Form Factor	Microtower
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro.[1] Windows 10 Home 64[1] FreeDOS 2.0
Available Processors[19]	Intel® Core™ i7-8700 with Intel® UHD Graphics 630 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores); Intel® Core™ i3-8100 with Intel® UHD Graphics 630 (3.6 GHz, 6 MB cache, 4 cores); Intel® Celeron® G4900 with Intel® UHD Graphics 610 (3.1 GHz, 2 MB cache, 2 cores); Intel® Core™ i5-8500 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Pentium® Gold G5400 with Intel® UHD Graphics 610 (3.7 GHz, 4 MB cache, 2 cores)
Maximum Memory	Up to 16 GB DDR4-2666 SDRAM [13] Standard memory note: Transfer rates up to 2666 MT/s.
Memory slots	2 DIMM
Internal Storage	500 GB up to 1 TB 7200 rpm SATA[3] 128 GB up to 256 GB M.2 SSD[3]
Optical Storage	HP 9.5 mm Slim DVD-Writer[4]
Available Graphics	Integrated: Intel® HD Graphics 610; Intel® UHD Graphics 630[2,12]
Audio	Realtek ALC3601 codec, internal speaker, combo microphone/headphone jack
Communications	LAN: Integrated 10/100/1000M GbE WLAN: Realtek 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 Combo[11]
Expansion Slots	1 PCIe; 1 PCIe x1; 1 PCIe x16; 1 SD media reader; 2 M.2[9,10,24] (1 M.2 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
Ports and Connectors	Front: 1 headphone/microphone combo; 1 SD 3 card reader; 2 USB 3.1 Gen 1 Rear: 1 audio-in; 1 audio-out; 1 HDMI; 1 microphone-in; 1 power connector; 1 RJ-45; 1 serial; 1 VGA; 2 USB 3.1 Gen 1; 4 USB 2.0[22,25] Internal: 1 parallel; 1 PS/2[23]
Internal Drive Bays	One 3.5" HDD; One 3.5" (2.5") HDD
Input Device	HP USB Keyboard[5] HP USB Optical Mouse
Available Software	HP Audio Switch; HP Documentation; HP ePrint Driver + JetAdvantage; HP Jumpstart; HP Recovery Manager; HP Setup Integrated OOBE Win10; HP Support Assistant; HP System Event Utility; McAfee LiveSafe™; Buy Office (sold separately)[16,17]
Security Management	Lock slot; Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified)[20,21]
Power	180 W internal power supply, up to 87% efficiency, active PFC[14]
Dimensions	17 x 33.8 x 27.75 cm (System dimensions may fluctuate due to configuration and manufacturing variances.)
Weight	5.4 kg (Exact weight depends on configuration.)
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Silver[8]
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.
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.
Product number: P1N68AA

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

NVIDIA GT 730 2GB DP Card

Get impressive graphics and high resolution quad-display performance from the NVIDIA® GT 730 2GB DP Card.
Product number: Z9H51AA

**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, 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] 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] Multicore 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[4] Sold separately or as an optional feature.

[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.

[6] 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). May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades.

Technical specifications disclaimers

[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] HD content required to view HD images.

[3] 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.

[4] 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.

[5] Keyboards and mice are optional or add-on features.

[8] EPEAT® registered where applicable. EPEAT registration varies by country. See 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

[9] Card sold separately.

[10] 1 full-height PCI: Optional on separated PCA.

[11] 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.

[12] Integrated Intel Wi-Di software is available on select models only and requires separately purchased projector, tv or computer monitor with an integrated or external Wi-Di receiver. External Wi-Di receivers connect to the projector, tv or computer monitor via a standard VGA, HDMI cable, also sold separately.

[13] Full availability of 4 GB or more of memory requires a 64-bit operating system. With Windows 32-bit operating systems, the amount of usable memory is dependent upon your configuration, so that above 3 GB all memory may not be available due to system resource requirements. Memory modules support data transfer rates up to 2400 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate.

[14] All power supplies are not available in every region.

[16] McAfee LiveSafe™: 1 year subscription.

[17] HP ePrint Driver + JetAdvantage: 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). Print times and connection speeds may vary.

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

[19] 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[20] Security cable lock supported (sold separately).

[21] TPM 2.0 support (either dTPM or fTPM): TPM feature will not be supported on machine pre-configured with FreeDOS. In same cases, machines pre-configured with Windows OS might ship with TPM turned off.

[22] HDMI Port: port will be covered up when discrete graphic card is configured on shipped machine. VGA Port: port will be covered up when discrete graphic card is configured on shipped machine.

[23] PS/2 Port: optional on same separated PCA with serial port available as well. Parallel Port: optional via PCIe x1 slot.

[24] 1 PCIe for selected configurations only.

[25] 1 serial for selected configurations only.

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