HP 290 G4 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.

*Product image may differ from actual product

HP recommends Windows 11 Pro for business

Powered up processing

- Keep up with daily tasks with performance from a 10th Gen Intel® Core™ processor[3], optional NVIDIA® or AMD discrete graphics[4], up to 64 GB DDR4 memory[4], and slots for future growth.

Expansion for the future

- Three bays and two full-height slots, including PCIe x16 and PCIe x1 slots, provide expandability for the future. Configurable USB ports[4], serial ports[4], and legacy ports[4] help ensure broad compatibility with existing technology.

Help keep data safe

- Help protect your investment and your data with firmware or discrete TPM, HP DriveLock[5], and a physical security lock. Additional security is provided by an optional intrusion sensor and an integrated cable lock system to secure your cabled devices.

Ready for work

- The HP 290 MT provides a powerful PC with a double-fan design to accomplish your everyday tasks.

- Help secure the future of your business. PCs from HP make the most of Windows 11 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 WLAN featuring 802.11ac protocol and Bluetooth® 4.2 connectivity.[6]

- Support two independent displays with VGA and HDMI connectivity, plug in several compatible USB devices, and utilize an optional serial port.[4]

- Help keep unauthorized users from accessing data on your primary drive. Prevent your primary drive from running without entering a password using HP DriveLock.[5]

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

- Help secure your PC with a physical security lock, an intrusion sensor, and an integrated accessory cable lock to secure your cabled mouse and keyboard on the HP 290 MT.

- The optional high-efficiency power supply and molded-pulp packaging keep sustainability in mind.[4]

HP 290 G4 Microtower PC Specifications Table

*Product image may differ from actual product

Available Operating Systems	Windows 11 Pro[1] Windows 11 Home – HP recommends Windows 11 Pro for business[1] Windows 10 Pro[1] FreeDOS (Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)
Processor family[28]	10th Generation Intel® Core™ i7 processor; 10th Generation Intel® Core™ i5 processor; 10th Generation Intel® Core™ i3 processor; Intel® Celeron® processor; Intel® Pentium® processor
Available Processors[15,29,30,31]	Intel® Celeron® G5900 with Intel® UHD Graphics 610 (3.4 GHz base frequency, 2 MB L3 cache, 2 cores); Intel® Core™ i3-10100 with Intel® UHD Graphics 630 (3.6 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i5-10400 with Intel® UHD Graphics 630 (2.9 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores); Intel® Core™ i5-10500 with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i7-10700 with Intel® UHD Graphics 630 (2.9 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Pentium® Gold G6400 with Intel® UHD Graphics 610 (4.0 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Pentium® Gold G6600 with Intel® UHD Graphics 630 (4.2 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Celeron® G5905 with Intel® UHD Graphics 610 (3.5 GHz base frequency, 4 MB L3 cache, 2 cores)
Chipset[15]	Intel® H470
Form factor	Microtower
Maximum memory	32 GB DDR4-2933 SDRAM [2] Transfer rates up to 2933 MT/s.
Memory slots	2 DIMM
Internal storage	500 GB up to 2 TB 7200 rpm SATA HDD[3] 128 GB up to 512 GB M.2 PCIe® NVMe™ SSD[3]
Optical drive	HP 9.5 mm Slim DVD-ROM; HP 9.5 mm Slim DVD-Writer [4]
Available Graphics	Integrated: Intel® UHD Graphics 610; Intel® UHD Graphics 630[16,17]
Audio	Realtek ALC3601 codec, optional internal speaker, combo microphone/headphone jack
Expansion slots	1 PCIe x1; 1 PCIe x16; 2 M.2 [6,9] (1 M.2 slot for WLAN and 1 M.2 2242/2280 slot for storage.)
Ports and Connectors	Front: 1 headphone/microphone combo; 4 SuperSpeed USB 5Gbps signaling rate; 2 SuperSpeed USB 10Gbps signaling rate[10,32] ; Rear: 1 HDMI; 1 line in; 1 line out; 1 power connector; 1 RJ-45; 1 serial; 1 VGA; 2 USB 2.0[11,13] ; Optional Ports: 1 4x serial; 1 parallel; 1 PS/2; 1 3-in-1 SD card reader[8]
Input devices	HP USB wired keyboard[18,19]; HP USB wired optical mouse[18,20,21] ;
Communications	LAN: Integrated 10/100/1000M GbE ; WLAN: Realtek 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 Combo ;
Drive Bays	Two 3.5" (2.5") HDD
Environmental	Operating temperature: 0 to 40°C; Operating humidity: 10 to 90% RH;
Software	HP Audio Switch; HP Documentation; HP Setup Integrated OOBE Win10; HP Support Assistant; HP System Event Utility; McAfee LiveSafe™; Buy Office (sold separately); HP JumpStarts; Xerox® DocuShare® 90 day free trial offer; [22,33]
Security management	Integrated accessories cable lock; Lock slot; Trusted Platform Module (TPM) 2.0;[23,24,25]
Power	180 W internal power supply, up to 90% efficiency, active PFC[26]
Dimensions	15.5 x 30.3 x 33.7 cm (System dimensions may fluctuate due to configuration and manufacturing variances.)
Weight	4.7 kg (Exact weight depends on configuration.)
Ecolabels	CCC; CE; CECP; CEL; ENERGY STAR® certified; EPEAT® 2019 registered where applicable; FCC; RoHS; SEPA; UL[27]
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 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 is automatically updated and enabled. High speed internet and Microsoft account required. 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] HP DriveLock supports primary storage only.

[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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com .

[6] Sold separately or as an optional feature. Wireless access point and internet service required. Availability of public wireless access points limited.

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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com .

[2] 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 2933 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate.

[3] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) of disk is reserved for 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.

[6] Card sold separately.

[8] One 3-in-1 SD card reader: optional feature.

[9] 4 serial port: optional via PCIe slot, and only available for specific region.

[10] (1) 3-in-1 SD card reader: Sold separately or as an optional feature.

[11] HDMI/VGA ports will be covered up when a non-internal graphics processor is configured on shipped machine.

[12] PS/2 Port: optional.

[13] Serial Port available on select SKUs only.

[14] 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.

[15] For full Intel® vPro™ functionality, Windows, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN card and discrete TPM 2.0 are required. See http://intel.com/vpro.

[16] HD content required to view HD images.

[17] 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.

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

[19] USB Wired Business Slim Antimicrobial Keyboard: China only.

[20] USB Antimicrobial Mouse: China only.

[21] USB Hardened Mouse: APJ only.

[22] McAfee LiveSafe™: subscription required.

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

[24] TPM feature will be supported on machine pre-configured with FreeDOS, and will be default set as enabled in BIOS setup menu if the machine is dTPM, but will be default set as disabled in BIOS setup menu if the machine is fTPM.

[25] Physical cable lock for better cable management.

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

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

[28] 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.

[29] 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.

[30] Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.

[31] Some functionality of vPro, such as Intel Active Management Technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependant on 3rd party software providers. Compatibility with future "virtual appliances" is yet to be determined.

[32] SuperSpeed USB 10Gbps signaling rate = USB3.2 Gen2. SuperSpeed USB 5Gbps signaling rate = USB3.2 Gen1.

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December 2021