HP 290 G1 Microtower PC

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

HP recommends Windows 10 Pro.

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

Reliable
- The HP 290 MT provides a powerful PC with the features you need to accomplish your everyday tasks.

Design
- Take up less space with the HP 290 MT that is 27% smaller than the previous generation with a stylish design that is easy to set up and use.

Performance
- Keep up with daily tasks with strong performance from a 7th Gen Intel® Core™ i3/i5/i7 processor[3], DDR4 memory and PCIe x1 and PCIe x16 slots for future growth.

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

Featuring
- Help secure the future of your business. PCs from HP make the most of Windows 10 Pro[1] to protect you from today's security threats and maximize management and productivity features for business.
- Make connections to peripherals with eight USB ports on the HP 290 MT with two front USB 3.0 ports and six rear USB 2.0 ports. Support two independent displays with VGA and HDMI connectivity.
- HP Touchpoint Manager offers customers simple, useful tools and services from a single cloud-based solution for managing data, security, and a wide array of branded devices.[5]
- 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]
- Simplify technical support with Helpdesk by HP Care. Rely on cost-effective expertise that's available 24x7, covering multiple brands, devices and operating systems[7].
- Help maximize your cash flow with the use of best-in-class hardware and services for a monthly subscription that allow you to replace your PC with a brand new one every three years[8].
- HP WorkWise[9] is office intelligence rolled into one smartphone app to provide PC security, real-time PC performance information, and simplified printer driver installation for HP PC users.

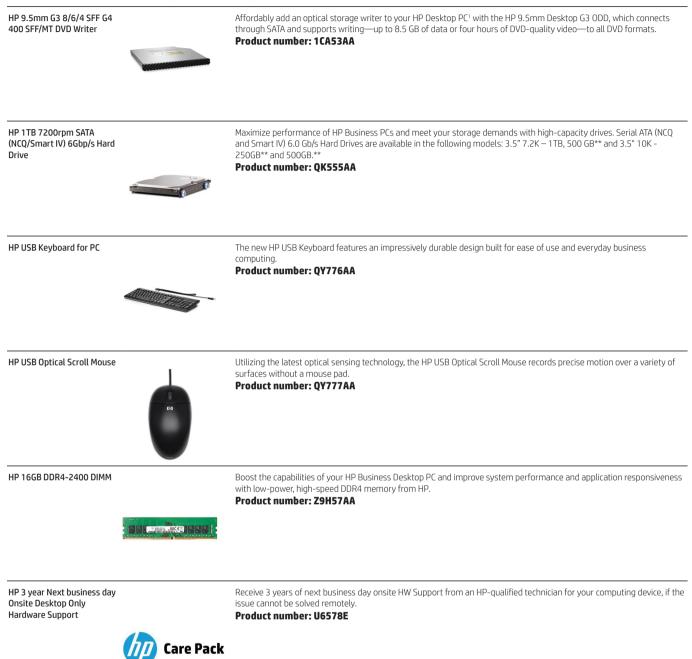# HP 290 G1 Microtower PC
Specifications Table

HP recommends Windows 10 Pro.

Form Factor	Microtower
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro.[1] Windows 10 Home 64[1] Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro)[2,3] FreeDOS 2.0
Available Processors[4]	Intel® Core™ i7-7700 with Intel® HD Graphics 630 (3.6 GHz, up to 4.2 GHz with Intel® Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-7500 with Intel HD Graphics 630 (3.4 GHz, up to 3.8 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-7100 with Intel HD Graphics 630 (3.9 GHz, 3 MB cache, 2 cores); Intel® Core™ i7-6700 with Intel HD Graphics 530 (3.4 GHz, up to 4.0 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-6500 with Intel HD Graphics 530 (3.2 GHz, up to 3.6 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-6100 with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores); Intel® Celeron® G3930 with Intel® HD Graphics 610 (2.9 GHz, 2 MB cache, 2 cores); Intel® Pentium® G4560 with Intel HD Graphics 610 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4400 with Intel HD Graphics 510 (3.3 GHz, 3 MB cache, 2 cores); Intel® Celeron® G3900 with Intel HD Graphics 510 (2.8 GHz, 2 MB cache, 2 cores)
Chipset	Intel® H110
Maximum Memory	Up to 16 GB DDR4-2400 SDRAM [6] Standard memory note: Transfer rates up to 2400 MT/s. 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.
Memory slots	2 DIMM
Internal Storage	500 GB up to 1 TB 3.5" SATA HDD (7200 rpm)[7] 128 GB up to 256 GB 2.5" SATA SSD[7]
Additional Storage	HP 6-in-1 Media Card Reader (optional)
Optical Storage	HP 9.5 mm Slim DVD-ROM; HP 9.5 mm Slim DVD-Writer[8]
Available Graphics	Integrated: Intel® HD Graphics Discrete: NVIDIA® GeForce® GT 730 (2 GB)[11]
Audio	Conexant CX20632 codec with universal audio jack and 2W internal speaker, headset and headphone front ports (3.5 mm), multi-streaming capable
Communications	LAN: Integrated 10/100/1000M gigabit Ethernet controller; Realtek RTL8111HSH-CG GbE Ethernet Controller[9] WLAN: Intel® 3168 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™ (optional)[10]
Expansion Slots	1 PCIe (x1); 1 PCIe (x16); 1 M.2; 1 PCI 2.1[19,20]
Ports and Connectors	Front: 1 microphone/headphone jack; 2 USB 3.0; 1 SD reader (optional); One 5.25" slim-height bay supporting an optical disk drive (optional) Back: 1 HDMI; 1 power connector; 1 RJ-45; 1 VGA; 2 USB 3.0; 4 USB 2.0; 1 security lock slot; 1 audio in connector; 1 audio out connector; 1 padlock slot; 1 serial; 2 PS/2[21,22]
Internal Drive Bays	One 3.5" HDD
External Drive Bays	1 SD reader (optional); One 3.5" HDD; One 9.5 mm slim ODD
Input Device	Universal USB wired keyboard[12] HP USB Mouse[12]
Available Software	HP Recovery Manager; HP Support Assistant; HP Velocity; HP Jumpstart; HP ePrint + JetAdvantage[13,14]
Security Management	Microsoft Security Essentials (Windows 7); Microsoft Defender (Windows 10)[16]
Management Features	Discover HP Touchpoint Manager[15]
Power	180 W AC power adapter
Dimensions	17 x 27.4 x 33.8 cm (Dimensions are WxDxH with product in vertical orientation)
Weight	5.45 kg (Configured with 1 HDD and 1 ODD. Exact weight depends on configuration)
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Silver registered configurations available[18]
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.

HP 290 G1 Microtower PC

Accessories and services (not included)

HP 9.5mm G3 8/6/4 SFF G4 400 SFF/MT DVD Writer

Affordably add an optical storage writer to your HP Desktop PC[1] with the HP 9.5mm Desktop G3 ODD, which connects through SATA and supports writing—up to 8.5 GB of data or four hours of DVD-quality video—to all DVD formats.
Product number: 1CA53AA

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.**
Product number: QK555AA

HP USB Keyboard for PC

The new HP USB Keyboard features an impressively durable design built for ease of use and everyday business computing.
Product number: QY776AA

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

HP 16GB DDR4-2400 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.
Product number: Z9H57AA

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

HP 290 G1 Microtower PC

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] 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 is not a measurement of higher performance.

[5] HP Touchpoint Manager requires purchase of a subscription and supports Android™, iOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see www.hp.com/touchpoint for availability information.

[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.

[7] HP Care Services are optional. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

[8] Financing and service offerings available through Hewlett-Packard Financial Services Company and its subsidiaries and affiliates (collectively HPFSC) in certain countries and is subject to credit approval and execution of standard HPFSC documentation. Subscriptions to use are available for 24 or 36 month terms. Rates and terms are based on customer's credit rating, offering types, services and/or equipment type and options. Not all customers may qualify. Not all services or offers are available in all countries. Other restrictions may apply. HPFSC reserves the right to change or cancel this program at any time without notice.

[9] HP WorkWise smartphone app will soon be available as a free download on the App Store and Google Play.

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] This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

[3] Only available with 6th generation AMD (Carrizo DDR4) processors and Intel (Skylake) processors.

[4] 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 is not a measurement of higher performance.

[5] In accordance with Microsoft's support policy, HP does not support the Windows® 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows® 8 or Windows 7 drivers on http://www.support.hp.com

[6] 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.

[7] For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB of system disk is reserved for system recovery software.

[8] 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. No support for DVD-RAM.

[9] Supports Wake-on-LAN (WOL).

[10] Wireless access point and Internet service required and not included. Availability of public wireless access points limited.

[11] Optional feature. Available in select countries only.

[12] Keyboards and mouse are optional or add-on features.

[13] HP ePrint + 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.

[14] HP Velocity: select platforms only.

[15] HP Touchpoint Manager: requires purchase of a subscription and supports Android™, iOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see www.hp.com/touchpoint for availability information.

[16] Microsoft Security Essentials: opt in and internet connection required for updates.

[18] 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

[19] 1 PCI 2.1 (optional, select countries only).

[20] 1 M.2 for WLAN.

[21] 1 serial (optional, select countries only).

[22] 2 PS/2 (optional, select countries only).

Sign up for updates
www.hp.com/go/getupdated