

Datasheet

HP 290 G1 Small Form Factor PC



Maximize your investment.

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



HP recommends Windows 10 Pro.

- Windows 10 Pro¹
- 1TB hard drive²

Ready for work

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

Progressive style

- Take up less space than a traditional tower with the HP 290 SFF with a stylish design that is easy to set up and use.

Powered up processing

- Help optimize performance with an 8th Gen Intel® Core™ processor³, Intel UHD Graphics or optional discrete graphics⁴, up to 16GB of DDR4 memory⁴, PCIe slots for future growth, and support for optional PCIe NVME storage⁴.

Help keep data safe

- 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 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 and plug in up to 8 compatible USB devices and utilize a 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 SFF, you will be productive in no time!
- Make better use of your workspace. HP ePrint makes wireless printing simple, no need for drivers.⁶

HP 290 G1 Small Form Factor PC Specifications Table



Form Factor	Small form factor
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ Windows 10 Home 64 ¹ FreeDOS 2.0
Available Processors²	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 ⁵ 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 HDD ⁶ 128 GB up to 256 GB M.2 SSD ⁶
Optical Storage	HP 9.5 mm Slim DVD-Writer ⁸
Available Graphics	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610 ^{3,4}
Audio	Realtek ALC3601 codec, internal speaker, combo microphone/headphone jack, HD audio
Communications	LAN: Integrated 10/100/1000M GbE WLAN: Realtek 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 Combo ⁹
Expansion Slots	1 PCIe x1; 1 PCIe x16; 2 M.2; One 3-in-1 SD card reader ^{7,10} (1 M.2 slot for WLAN and 1 M.2 2230/2280 slot for storage.)
Ports and Connectors	Front: 1 headphone/microphone combo; 2 USB 3.1 Gen 1 Rear: 1 HDMI; 1 line in; 1 line out; 1 microphone-in; 1 power connector; 1 RJ-45; 1 serial; 1 VGA; 2 USB 3.1; 4 USB 2.0 ²¹ Optional: 1 parallel ²²
Internal Drive Bays	One 3.5" HDD; One 3.5" (2.5") HDD
Input Device	HP USB Keyboard ^{17,18} HP USB Optical Mouse ^{14,15,18}
Available Software	Bing search for IE11; 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) ^{11,12}
Security Management	Lock slot; Trusted Platform Module (TPM) 2.0 ¹⁹
Power	180 W internal power supply, up to 90% efficiency, active PFC
Dimensions	9.5 x 29.6 x 27 cm (System dimensions may fluctuate due to configuration and manufacturing variances.)
Weight	4.2 kg (Configured with 1 HDD and 1 ODD. Weight will vary by configuration.)
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Silver registered configurations available ¹³
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 SSD¹, which includes TLC flash and the same reliability you already get from current SATA 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 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://windows.microsoft.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, 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 and 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.microsoft.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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
- ³ HD content required to view HD images.
- ⁴ 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.
- ⁵ For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. 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 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.
- ⁷ Card sold separately.
- 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.
- ⁹ 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.
- ¹⁰ (1) PCI Express x16 graphics connector; (1) PCI Express x1 accessory connector.
- ¹¹ McAfee LiveSafe™: 1 year subscription.
- ¹² 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 <http://www.hp.com/go/businessmobileprinting>).
- ¹³ EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. See HP's 3rd party option store for solar energy accessory at www.hp.com/go/options.
- ¹⁴ Antimicrobial USB Mouse: Only China.
- ¹⁵ USB Hardened Mouse: Only India.
- ¹⁶ 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>
- ¹⁷ USB Wired Business Slim Antimicrobial Keyboard: China only.
- ¹⁸ Keyboards and mice are optional or add-on features.
- ¹⁹ Security cable lock supported (sold separately).
- ²¹ 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.
- ²² Optional Parallel Port: optional via PCIe x1 slot.

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