HP 290 G2 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 for business

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

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 a 9th Gen Intel® Core™ processor[3], Intel UHD Graphics or optional discrete graphics[4], up to 32 GB of DDR4 memory[4], PCIe slots for future growth, and support for optional PCIe NVMe storage.[4]

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

- 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.

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

- Support two independent displays with VGA and HDMI connectivity and plug in up to 8 compatible USB devices and utilize a serial port.

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

- Help secure your cabled mouse and keyboard with the integrated accessories cable lock on the HP 290 SFF.

HP 290 G2 Small Form Factor PC Specifications Table

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business[1] Windows 10 Home 64[1] FreeDOS
Processor family[16]	8th Generation Intel® Core™ i3 processor (i3-8100); 8th Generation Intel® Core™ i5 processor (i5-8400, i5-8500); 8th Generation Intel® Core™ i7 processor (i7-8700); 9th Generation Intel® Core™ i5 processor (i5-9400, i5-9500); 9th Generation Intel® Core™ i3 processor (i3-9100); Intel® Celeron® processor (G4930 is Windows 10 only); Intel® Pentium® processor (G5420, G5600 are Windows 10 only); 9th Generation Intel® Core™ i7 processor (i7-9700)
Available Processors[2,23,24,26,28]	Intel® Core™ i5-8400 with Intel® UHD Graphics 630 (2.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5-9400 with Intel® UHD Graphics 630 (2.9 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i3-8100 with Intel® UHD Graphics 630 (3.6 GHz base frequency, 6 MB cache, 4 cores); Intel® Core™ i3-9100 with Intel® UHD Graphics 630 (3.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Pentium® Gold G5420 with Intel® UHD Graphics 610 (3.8 GHz base frequency, 4 MB cache, 2 cores); Intel® Celeron® G4930 with Intel® UHD Graphics 610 (3.2 GHz base frequency, 2 MB cache, 2 cores); Intel® Core™ i7-9700 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB cache, 8 cores), vPro™; Intel® Pentium® Gold G5620 with Intel® UHD Graphics 630 (4 GHz base frequency, 4 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) supports Intel® vPro™ Technology; 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) supports Intel® vPro™ Technology; Intel® Core™ i5-9500 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) supports Intel® vPro™ Technology
Chipset[28]	Intel® B365
Form factor	Small form factor
Maximum memory	32 GB DDR4-2666 SDRAM [5] Transfer rates up to 2666 MT/s.
Memory slots	2 DIMM
Internal storage	500 GB up to 2 TB 7200 rpm SATA HDD[6] 128 GB up to 512 GB M.2 PCIe® NVMe™ SSD[6]
Optical drive	HP 9.5 mm Slim DVD-Writer [8]
Available Graphics	Integrated: Intel® UHD Graphics 630; Intel® UHD Graphics 610[3,4] Discrete:
Audio	Realtek ALC3601 codec, combo microphone/headphone jack, HD audio
Expansion slots	1 PCIe x1; 1 PCIe x16; 2 M.2; One 3-in-1 SD card reader [7,10,25] (1 M.2 slot for WLAN and 1 M.2 2242/2280 slot for storage.)
Ports and Connectors	Front: 1 3-in-1 SD card reader; 1 headphone/microphone combo; 4 USB 3.1 Gen 1 Rear: 1 HDMI; 1 line in; 1 line out; 1 power connector; 1 RJ-45; 1 serial; 1 VGA; 4 USB 2.0[21,29] Optional: 1 parallel; 1 4x Serial[22]
Input devices	HP USB Keyboard[17,18]; HP USB Optical Mouse[14,15,18];
Communications	LAN: Integrated 10/100/1000M GbE ; WLAN: Realtek 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 Combo [9,28];
Drive Bays	One 3.5" HDD convertible to two 2.5" SSD with caddy
Environmental	Operating temperature: 0 to 40°C; Operating humidity: 10 to 90% RH
Available Software	Bing search for IE11; 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 [11]
Security management	Integrated accessories cable lock; Lock slot; Trusted Platform Module (TPM) 2.0 (via firmware)[19,30]
Power	180 W internal power supply, up to 90% efficiency, active PFC
Dimensions	9.5 x 30.3 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.)
Ergonomic features	##displaytiltswiv##
Energy efficiency compliance	CCC; CE; CECP; CEL; ENERGY STAR® certified; EPEAT® 2019 registered where applicable; FCC; RoHS; SEPA; UL[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 8GB DDR4-2666 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. Proven performance and reliability to deliver maximum investment protection. Offering the perfect combination of performance, reliability and investment protection. 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: 3TK87AA

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 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] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB 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.

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[5] 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 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.

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[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 30 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™: subscription required.

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

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

[22] Optional Parallel Port: optional via PCIe x1 slot.

[23] 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.

[24] Intel® Core™ i5-9400 is only available for specific region.

[25] 4 serial port: optional via PCIe slot, and only available for specific region.

[26] 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.

[28] 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

[29] 1 serial: optional.

[30] Physical cable lock for better cable management.

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