ProductSheet

HP Pro Tower 290 G9 Desktop PC Bundle (6B2X4EA)

Maximize your investment

The HP Pro Tower 290 helps optimize business resources. Equipped with a powerful Intel® processor[2], essential tools, and security features for business, this affordably priced and easy to set up PC has a scalable and functional design that can grow with your business.

HP recommends Windows 11 Pro for business

Powered up processing
Easily manage your daily business with an Intel® processor[2], powerful memory, drives, and graphics.

Expansion for the future
Two bays and two full-height slots provide expandability for the future.

Help keep data safe
Help protect your investment and your data with firmware TPM, HP Drive Lock[4], and a physical security lock slot.[5]

Featuring

Windows 11
Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

High performance, high portability
Get the exceptional combination of responsive performance, connectivity and speed with a 12th Gen Intel® Core™ processor that lets you launch, create, and connect fast and reliably. [2]

Specifications

Form factor	Tower
Operating system	Windows 11 Pro[1]
Processor family	12th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-12400 (up to 4.4 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads)[6,7]
Chipset	Intel® H670[3]
Memory	8 GB DDR4-2933 MHz RAM (1 x 8 GB)
Memory Slots	2 DIMM
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Internal drive bays	Two 3.5" HDD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 730
Audio	Realtek ALC3867 codec, universal audio jack with CTIA headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Minimum dimensions (W x D x H)	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.)*
Keyboard	HP 125 Wired Keyboard
Pointing device	HP 125 Wired Mouse
Ports	1 headphone/microphone combo; 4 SuperSpeed USB Type-A 5Gbps signaling rate
Expansion slots	2 M.2; 1 PCIe 3 x1; 1 PCIe 4 x16[9,10,11] *(1 M.2 slot for WLAN and 1 M.2 2242/2280 slot for storage.)*
Ports	1 HDMI; 1 line in; 1 line out; 1 power connector; 1 RJ-45; 1 VGA; 4 USB 2.0
Package dimensions (W x D x H)	28.7 x 40 x 49.9 cm
Package weight	8 kg
Network interface type	WLAN
Wireless	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo
Power	180 W external power adapter, up to 90% efficiency, active PFC[17]
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	15% post-consumer recycled plastic; 80 Plus® Gold power supplies available
Security management	Padlock loop; Trusted Platform Module (TPM) 2.0; Integrated accessories cable lock; Slim cable lock[14,15,16]
Software included	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[12,13]
UPC number	(ABT) 196786837159; (BED) 197029854018
Manufacturer Warranty	1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Top Recommended Displays, Accessories and Services

P-Series

HP P24h G4 FHD Monitor	7VH44AA
HP P24 G4 24 FHD Monitor	1A7E5AA

Keyboard and Mouse Kits

HP 225 Wired Mouse and Keyboard Combo	286J4AA

Messaging Footnotes

[2] 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] HP Drive Lock is not supported on NVMe drives.

[5] Solenoid lock and cable required and sold separately.

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.

[3] Intel vPro® requires Windows 10 Pro 64 bit or higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See http://intel.com/vpro .

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[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

[9] Card sold separately.

[10] 4 serial port: optional via PCIe slot, and only available for specific region.

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

[12] McAfee LiveSafe™: subscription required.

[13] Simply sign up and start using Xerox® DocuShare® Go. No credit card. No obligation. Data will become unavailable unless a subscription is entered before the end of the 90 day free trial period. See www.xerox.com/docusharego for details.

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

[15] 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.

[16] Physical cable lock for cable management.

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