

# HP Pro Tower 290 G9 Desktop PC Bundle (6B2X2EA)



## 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

### 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

<b>Form factor</b>	Tower
<b>Operating system</b>	FreeDOS
<b>Processor family</b>	12th Generation Intel® Core™ i5 processor
<b>Processor</b>	Intel® Core™ i5-12400 (up to 4.4 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads) <sup>[6,7]</sup>
<b>Chipset</b>	Intel® H670 <sup>[3]</sup>
<b>Memory</b>	16 GB DDR4-2933 MHz RAM (1 x 16 GB)
<b>Memory Slots</b>	2 DIMM
<b>Internal Storage</b>	512 GB PCIe® NVMe™ M.2 SSD
<b>Internal drive bays</b>	Two 3.5" HDD
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics 730
<b>Audio</b>	Realtek ALC3867 codec, universal audio jack with CTIA headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
<b>Minimum dimensions (W x D x H)</b>	15.5 x 30.3 x 33.7 cm (System dimensions may fluctuate due to configuration and manufacturing variances.)
<b>Weight</b>	4.7 kg (Exact weight depends on configuration.)
<b>Keyboard</b>	HP 125 Wired Keyboard
<b>Pointing device</b>	HP 125 Wired Mouse
<b>Ports</b>	1 headphone/microphone combo; 4 SuperSpeed USB Type-A 5Gbps signaling rate
<b>Expansion slots</b>	2 M.2; 1 PCIe 3 x1; 1 PCIe 4 x16 <sup>[9,10,11]</sup> (1 M.2 slot for WLAN and 1 M.2 2242/2280 slot for storage.)
<b>Ports</b>	1 HDMI; 1 line in; 1 line out; 1 power connector; 1 RJ-45; 1 VGA; 4 USB 2.0
<b>Package dimensions (W x D x H)</b>	28.7 x 40 x 49.9 cm
<b>Package weight</b>	8 kg
<b>Network interface type</b>	WLAN
<b>Wireless</b>	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo
<b>Power</b>	180 W external power adapter, up to 90% efficiency, active PFC <sup>[17]</sup>
<b>Sustainable impact specifications</b>	15% post-consumer recycled plastic; 80 Plus® Gold power supplies available
<b>Security management</b>	Padlock loop; Trusted Platform Module (TPM) 2.0; Integrated accessories cable lock; Slim cable lock <sup>[14,15,16]</sup>
<b>Software included</b>	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 <sup>[12,13]</sup>
<b>UPC number</b>	(ABB) 197029137586; (ABT) 196786837166; (BED) 197029854001
<b>Manufacturer Warranty</b>	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

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### P-Series

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

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### Keyboard and Mouse Kits

HP 225 Wired Mouse and Keyboard Combo	286J4AA
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## 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

[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](http://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.

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