

HP Pro SFF 280 G9 Desktop PC (C9TT5AT)



Essential business computing

The HP Pro SFF 280 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.

Powered for performance

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

HP recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11 and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot. ^[1]

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	Small form factor
Operating system	Windows 11 Pro ^[1]
Processor family	12th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-12500 (up to 4.6 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads) ^[6,7]
Processor technology	Intel® vPro® Technology
Chipset	Intel® H670 ^[3]
Memory	16 GB DDR4-3200 MT/s (1 x 16 GB)
Memory Slots	2 DIMM
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Internal drive bays	One 3.5" HDD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 750
Audio	Realtek ALC3867 codec, universal audio jack with CTIA headset support, audio line-out rear ports (3.5 mm), multi-streaming capable
Dimensions (W x D x H)	9.5 x 30.3 x 27 cm (System dimensions may fluctuate due to configuration and manufacturing variances.)
Dimensions (W x D x H)	3.74 x 11.93 x 10.63 in (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.)
Weight	9.2 lb (Configured with 1 HDD and 1 ODD. Weight will vary by configuration.)
Keyboard	HP Wired Desktop 320K Keyboard
Pointing device	HP Wired 320M Mouse
Ports	4 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo
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	4 USB 2.0 Type-A; 1 HDMI; 1 RJ-45; 1 VGA; 1 power connector; 1 line in; 1 line out; 1 Serial (optional)
Package dimensions (W x D x H)	19.6 x 49.8 x 34.6 cm
Package weight	6 kg
Network interface	Integrated Realtek RTL8111HSH-CG GbE
Network interface type	WLAN
Wireless	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 wireless card
Power	240 W internal power supply, up to 92% efficiency, active PFC ^[17]
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	15% post-consumer recycled plastic; 80 Plus® Bronze 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	McAfee LiveSafe™ ^[12]
UPC number	199642583528

Top Recommended Displays, Accessories and Services

Speakerphones

Poly Sync 10 USB-A USB-C Speakerphone	772C3AA
---------------------------------------	---------

Wireless Headset

Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA
---	---------

Wired Headset

Poly Blackwire 3325 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X221AA
Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	8X228AA

Wired Combo

HP 225 Wired Mouse and Keyboard Combo	286J4AA
---------------------------------------	---------

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 11 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>. Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See <http://aka.ms/WindowsAIFeatures>.

[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>.

[6] 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.

[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.

[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.

© Copyright 2025 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel®, Core™, Pentium®, vPro® are registered trademarks or trademarks of Intel Corporation in the U.S. and/or other countries. Bluetooth is a trademark of its proprietor, used by HP Inc. under license. NVIDIA®, the NVIDIA logo, are registered trademarks and/or trademarks of NVIDIA Corporation in the United States and other countries. AMD and Radeon™ are trademarks of Advanced Micro Devices, Inc. ENERGY STAR® is a registered trademark owned by the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

