HP Pro Small Form Factor 400 G9 Desktop PC (9H9A2LT)

Overview

Versatile to meet your ever-changing business needs

The HP Pro SFF 400 Desktop provides users in hybrid work environments with the commercial-grade configuration options and connectivity in a space-saving design. This PC is powered by the latest Intel® processor[2] and protected with always-on security you can trust.

Expansion bays and slots

The HP Pro SFF 400 has an m.2 slot for WLAN and one for storage, one PCIe x16 slot, and one PCIe x1 slot.

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[6]

Connect up to 3 displays

Increase productivity and tackle a range of workflows with video ports supporting up to three displays.[3]

Help protect our shared future

A high-efficiency power supply and molded-pulp packaging9 help reduce the impact on the environment.[9]

Features

Windows 11

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

BIOS management over the network

HP Sure Admin, a modern BIOS management tool, eliminates the need for a password or BIOS configuration utility in the OS by creating a digital signature that allows IT administrators to securely manage BIOS settings over a network.[1]

Browse confidently

Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.[4]

Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP's self-healing BIOS - HP Sure Start Gen7 automatically recovers the BIOS from malware, rootkits, or corruption.

HP Sure Sense

Malware is evolving rapidly and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.

Erase your drive

HP Secure Erase removes the contents of a hard drive for repurposing or reassignment.[6]

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[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.

[3] Two standard video ports included with an optional third flex port configurable at the time of purchase.

[6] HP Wolf Security for Business requires Windows 10 or 11 Pro or higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features.

[9] Molded Pulp cushions made from 100% recycled wood fiber and organic materials.

[1] HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[4] HP Sure Click supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[6] For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

Specifications

Form factor	Small form factor
Operating system	Windows 11 Pro[1]
Processor family	13th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-13500 (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads)[6,7]
Chipset	Intel® Q670[32]
Memory	16 GB DDR4-3200 MHz RAM (1 x 16 GB)
Memory Slots	2 DIMM
Internal Storage	1 TB PCIe® NVMe™ SSD
Internal drive bays	One 3.5" HDD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 770
Audio	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support
Minimum dimensions (W x D x H)	27 x 9.5 x 30.8 cm
Minimum dimensions (W x D x H)	10.6 x 3.7 x 12.1 in
Weight	4.2 kg (Exact weight depends on configuration.)
Weight	9.25 lb (Exact weight depends on configuration.)
Keyboard	HP 125 Wired Keyboard
Pointing device	HP 125 Wired Mouse
Ports	1 headphone/microphone combo; 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 3 SuperSpeed USB Type-A 10Gbps signaling rate
Expansion slots	1 M.2 2230; 1 M.2 2280; 1 PCIe 3 x1; 1 PCIe 4 x16[11] (1 M.2 2230 slot for WLAN or storage and 1 M.2 2280 slot for storage.)
Ports	1 audio-out; 1 power connector; 1 RJ-45; 1 HDMI 1.4; 3 SuperSpeed USB Type-A 5Gbps signaling rate; 1 DisplayPort™ 1.4; 2 USB Type-A 480Mbps signaling rate
Package dimensions (W x D x H)	39.4 x 20.5 x 49.9 cm
Package weight	7.25 kg
Network interface type	WLAN
Wireless	Realtek Wi-Fi 6 RTL8852BE (2x2) and Bluetooth® 5.3 wireless card
Power	240 W internal power supply, up to 92% efficiency, active PFC
Ecolabels	EPEAT® registered

Energy star certified	ENERGY STAR® certified
Management features	HP Client Catalog (download); HP Driver Packs (download); HP Image Assistant (download); HP Client Management Script Library (download); HP Manageability Integration Kit Gen 4 (download)[7]
Security management	Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); HP Secure Erase; HP Sure Click; Absolute Persistence module; HP Sure Admin; HP Tamper Lock; HP Sure Start Gen7; HP Sure Sense2[16,17,18,19,20,21,22,23]
Software included	HP Notifications; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Connection Optimizer; HP Privacy Settings; HP PC Hardware Diagnostics Windows; HP Desktop Support Utilities; HP Easy Clean; Touchpoint Customizer for Commercial; HP Easy Clean Keyboard Driver; HSA Fusion for Commercial; HSA Telemetry for Commercial; HPX for CMIT[9,10]
UPC number	(ABM) 197961599725; (AC8) 197961739893

Additional specifications

Available software	HP Smart Support[8]
Bluetooth version	Bluetooth® 5.3
ECC memory	non-ECC
Graphic card footnote number	[14,37]
I/O Port location	Front
I/O Port location	Rear
Keyboard color	black
Keyboard connectivity	Wired
Keyboard interface	USB
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	16 GB memory; 1 TB SSD storage
Memory layout (slots & size)	1 x 16 GB
Memory module type	UDIMM
Memory size	16
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Operating humidity range	10 to 90% RH
Operating temperature range	50 to 95°F
Operating temperature range	10 to 35°C
Package dimensions (W x D x H)	15.52 x 8.07 x 19.65 in
Package weight	15.97 lb
Playbook TS icon OS	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon connectivity	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions tower	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201997.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png

Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	Intel®
Processor cache	24 MB L3
Processor core	14
Processor family	Core™ i5
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	13th Generation
Processor maximum frequency	4.8
Processor maximum frequency uom	GHz
Processor model	13500
Processor threads	20
Product brand name	HP
Product long name specifications	HP Pro Small Form Factor 400 G9 Desktop PC, Windows 11 Pro, Intel® Core™ i5, 16GB RAM, 1TB SSD
Product short name specifications	HP Pro Small Form Factor 400 G9 Desktop PC, Intel® Core™ i5, 16GB RAM, 1TB SSD
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity	1
Storage capacity uom 01	TB
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211507
Wireless Model	RTL8852BE
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Realtek

[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.

[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.

[8] HP Smart Support requires HP TechPulse to be installed. For more information about how to enable or to download HP Smart Support, please visit http://www.hp.com/smart-support .

[9] HP Quick Drop requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.

[10] HP Support Assistant: Requires Windows and Internet access.

[11] SD 4.0 with 5-in-1 Interface (Supports SD, SDXC, SDHC, UHS-I, UHS-II). Sold separately or as an optional feature.

[16] HP Sure Sense is available on select HP PCs and is not available with Windows10 Home.

[17] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

[18] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[19] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[20] HP Sure Start Gen7 is available on select HP PCs.

[21] HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[22] Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: https://www.absolute.com/about/legal/agreements/absolute/.

[23] HP Wolf Security for Business requires Windows 10 or higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features and OS requirement.

[32] For full Intel® vPro® functionality, Windows 10 Pro 64 bit, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or WLAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software in order to run. See http://intel.com/vpro