ProductSheet

HP Pro Small Form Factor 400 G9 Desktop PC (9G9R4PT)



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 spacesaving design. This PC is powered by the latest Intel® processor[2] and protected with always-on security you can trust.

HP recommends Windows 11 Pro for business 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.

Connect up to 3 displays

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

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[5]

Featuring

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.

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.

Specifications

Operating system Windows 11 Prof 1 1311 Generation Intel® Core® 5 processor	Form factor	Small form factor	
Processor family 13th Generation Intel® Core®* iS processor Intel® Core®* iS processor Intel® Core®* iS processor Intel® Core®* iS processor Intel® (0670) (ap to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads) (6.77) Intel® (0670) (ap to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads) (6.77) Memory 16 GB DDRA*-3200 MHz RAM (1 x 16 GB) Memory Slots 2 DIMM Internal Storage 51 C GB PCle® NVMe® SSD Integrated Graphics (integrated) Intel® UHD Graphics 770 Audio Realtek ALC 3252 codec, universal audio jack with CTIA and OMTP headset support Minimum dimensions (W x D x H) Minimum dimensions (W x D x H) 10.6 x 3.7 x 12.1 in Weight (Exact weight depends on configuration.) Weight (Exact weight depends on configuration.) Keyboard HP Wired Desktop 320K keyboard Pointing device HP Wired Desktop 320M mouse Ports 1 headphone/microphone combo; 1 Super Speed USB Type-C® 10Gbps signaling rate; 3 Super Speed USB Type-A 10Gbps signaling rate Expansion slots 1 M.2 2230; 1 M.2 2280; 1 PCle 3 x 1; 1 PCle 4 x 16 (11) 1 M.2 2230 slot for WLAN or storage and 1 M.2 2280 slot for storage.) Ports 1 audio-out; 1 power connection; 1 R.4-5; 1 Hboll 1.4; 3 Super Speed USB Type-A 5Gbps signaling rate; 1 Displayport® 1.4; 2 USB Type-A 480Mbps signaling rate Package weight 7.25 kg Power 180 W Internal power suspply, up to 90% efficiency, active PFC Ecolabels Energy star certified Management features HP Client Catalog (download); HP Driver Packs (download); HP Image Assistant (download); HP Client Management Script Library (download); HP Driver Packs (download); HP Displayed with Windows 10 (Common Criteria EAL4 certified(IMPS 140-2 Level 2 Certified); HP Seure Erase; HP Surpe Cliek, Absolute Persistence module, HP Sure Admin; HP Tamper Lock; HP Sure Sear-Egal Fig. 17.18, 19.204 (12) (12) (12) (12) (12) (12) (12) (12)	Operating system		
Chipset Intel® Q670[32] Memory 16 GB DDR4-3200 MHz RAM (1 x 16 GB) Memory Slots 2 DIMM Internal Storage 512 GB 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.) Keyboard HP Wired Desktop 320K Keyboard Ports 1 headphone/microphone combo: 1 Super Speed USB Type-C® 10Gbps signaling rate; 3 Super Speed USB Type-A Expansion slots 1 M. 22330: 1 M. 2 2230: 1 PC E2 3X1; 1 PC e3 4X1; 1 PC e4 16 [11] If M. 22230: 1 M. 2 2230: 1 PC E2 3X2; 1 PC e3 4X1; 1 PC e4 16 [11] If M. 2 2230: 1 PC e3 4X1; 1 PC e4 4X6 [11] Ports 1 audio-out; 1 power connector; 1 RJ-45; 1 HDMI 1.4; 3 Super Speed USB Type-A 5Gbps signaling rate; 1 DisplayPort™ 1.4; 2 USB Type-A 480Mbps signaling rate Package dimensions (W x D x H) 3.9 4 x 20.5 x 4.9 s cm Package weight 7.25 kg <th< th=""><th></th><th colspan="2"></th></th<>			
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Memory Slots 2 DIMM Internal Storage 512 GB 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) 72 × 9.5 × 30.8 cm Minimum dimensions (W x D x H) 10.6 × 3.7 × 12.1 in Weight 4.2 kg (Exact weight depends on configuration.) Weight 9.25 ib (Exact weight depends on configuration.) Keyboard HP Wired Desktop 320K keyboard Ports 1 headphone/microphone combo; 1 SuperSpeed USB Type-C® 106bps signaling rate; 3 SuperSpeed USB Type-A 106bps 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 HDM1 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 2.0; x 49.9 cm Package weight 7.25 kg Power 180 W internal power supply, up to 90% efficiency, active PFC Ecolabels EPEAT® registered </th <th>Chipset</th> <th colspan="2"></th>	Chipset		
Internal Storage Internal drive bays One 3.5" HDD Graphics Integrated Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support Minimum dimensions (W x D x H) Integrated Integ	Memory	16 GB DDR4-3200 MHz RAM (1 x 16 GB)	
Internal drive bays	Memory Slots	2 DIMM	
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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 Power 180 W internal power supply, up to 90% efficiency, active PFC Ecolabels EPEAT® registered Energy star certified ENERGY STAR® certified Management features Script Library (download); HP Driver Packs (download); HP Image Assistant (download); HP Client Management Script Library (download); HP Manageability Integration Kit Gen 4 (download) ^[7] 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] 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]	Ports		
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Package weight 7.25 kg Power 180 W internal power supply, up to 90% efficiency, active PFC Ecolabels EPEAT® registered 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)] 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 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]	Ports		
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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] 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] 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]	Package weight	7.25 kg	
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] 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] 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]	Power	180 W internal power supply, up to 90% efficiency, active PFC	
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Script Library (download); HP Manageability Integration Kit Gen 4 (download) ^[7] 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] 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]	Energy star certified	ENERGY STAR® certified	
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] 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]	Management features		
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]	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	
UPC number 197961544152	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	
	UPC number	197961544152	

Top Recommended Displays, Accessories and Services

E-Series	
HP E24u G5 FHD USB-C Monitor	6N4D0AA
P-Series	
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AA
Keyboard and Mouse Kits	
HP 225 Wired Mouse and Keyboard Combo	286J4AA
HP 655 Wireless Keyboard and Mouse Combo	4R009AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
Audio and Video Cables	
HP DisplayPort To VGA Adapter	AS615AA
PC Solid State Drives	
1TB PCIe 4x4 NVMe TLC SSD	406L7AA

Messaging Footnotes

- [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.
- [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.
- [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.
- [5] HP Wolf Security for Business requires Windows 10 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 and OS requirements.

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.
- [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] 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 for 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

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