ProductSheet

HP Pro Mini 400 G9 Desktop PC (B83CYUA)

Commercial-grade Mini PC that fits anywhere you work

The HP Pro Mini 400 provides users with the commercial-grade performance, security, and the flexible deployment capabilities needed for small, varied workspaces. This reliable, ultra-small PC is powered to handle mainstream enterprise and SMBs with an Intel® processor[2] and protected with always-on security you can trust.



Latest Intel® processor
Accomplish everything from minor tasks to complex projects with the latest Intel® processor.[2]

Flex ports for easy expansion
Configure or expand your Mini your way with flex ports for legacy or clean desk connectivity.

Protected by HP Wolf Security
HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[4]

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]

Advanced wireless connectivity
Get a premium connectivity experience, even in crowded wireless networks, with a fast, reliable wireless connection. This Pro Mini 400's gigabit data rate Wi-Fi 6E wireless LAN module supports HP Extended Range Wireless LAN. [1]

Automatic recovery from firmware attacks
Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start, the self-healing BIOS that automatically recovers itself from attacks or corruption. [3]

Work without interruption
Keep productivity high and downtime low with the fully integrated and automated features of the HP BIOSphere Gen6 firmware ecosystem. Your PCs have extra protection thanks to automatic updates and security checks. [5]

Specifications

Form factor	Mini
Operating system	Windows 11 Pro[1]
Processor family	12th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-12500T (up to 4.4 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads)[6,7]
Chipset	Intel® Q670 (vPro®)[3]
Memory	16 GB DDR5-4800 MT/s (1 x 16 GB)
Memory Slots	2 DIMM
Internal Storage	512 GB PCIe® NVMe™ TLC SSD
Internal drive bays	One 2.5"
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 770
Audio	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support
Dimensions (W x D x H)	17.7 x 17.5 x 3.4 cm
Dimensions (W x D x H)	6.97 x 6.89 x 1.34 in
Weight	1.42 kg *(Exact weight depends on configuration.)*
Weight	3.13 lb *(Exact weight depends on configuration.)*
Keyboard	HP 655 Wireless Keyboard and mouse combo
Ports	1 headphone/microphone combo; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-C® 20Gbps signaling rate
Expansion slots	1 M.2 2230; 1 M.2 2280 *(1 M.2 slot for WLAN and 1 M.2 2280 slot for storage.)*
Ports	1 power connector; 1 RJ-45; 1 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4; 1 HDMI 2.1
Ports	1 USB 3.1 Gen 2
Package dimensions (W x D x H)	49.8 x 23.5 x 13.2 cm *(Packaging material used will vary by Country)*
Package weight	3.40 kg *(Packaging material used will vary by Country)*
Network interface type	WLAN
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)
Power	90 W external power adapter, up to 89% 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 Connect for Microsoft Endpoint Manager; HP Manageability Integration Kit (download); HP Patch Assistant (download)[15,16,17]
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; HP Sure Sense; Absolute Persistence module; HP Sure Admin; HP BIOSphere Gen6; HP Tamper Lock; HP Sure Start Gen7; HP Platform Certificate On Device Installation[22,23,24,25,26,27,28]
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[18,20]
UPC number	198990394619

Top Recommended Displays, Accessories and Services

P-Series	
HP P27h G5 FHD Monitor	64W41A7
HP P27h G5 FHD Monitor	64W41AS
Speakerphones	
Poly Sync 10 USB-A USB-C Speakerphone	772C3AA
Poly Sync 20 USB-C Speakerphone	7F0J7AA
Poly Sync 20+ USB-C Speakerphone	772D0AA
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
Wireless Combo	
HP 655 Wireless Keyboard and Mouse Combo	4R009AA
Wired Combo	
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT
HP 225 Wired Mouse and Keyboard Combo	286J4AA
Security Cables	
HP Desktop Mini LockBox V2	3EJ57AA
Mounting Brackets	
HP B300 PC Mounting Bracket	2DW53AA
HP B300 Bracket with Power Supply Holder	7DB37AA
HP Quick Release Bracket 2	6KD15AA

Messaging Footnotes

[1] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs and available in countries where Wi-Fi 6E is supported. Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 6E (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[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] HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 Pro and higher.

[4] 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.

[5] HP BIOSphere Gen6 requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

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] 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

[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.

[15] HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.

[16] HP Patch Assistant available on select HP PCs with the HP Manageability Kit that are managed through Microsoft System Center Configuration Manager. HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html .

[17] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement .

[18] myHP requires Windows OS.

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

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

[23] HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

[24] HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.

[25] 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.

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

[27] 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™.

[28] 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/.

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