# HP Pro Tower 400 G9 Desktop PC



# All the essentials for your growing business needs

Get commercial-grade performance and remain confident in the security of your data with an HP Pro Tower 400. This PC can be expanded to meet the needs of your business—making it a smart investment.



\*Product image may differ from actual product

HP recommends Windows 11 Pro for business

#### Commercial-grade performance

 Power through your day with the essential computing power to maintain productivity. Get the latest Intel® Core™ processor² and choose from graphics³, storage³, and memory³ options to meet the needs of your growing business.

#### Boost your productivity

Increase productivity with video ports supporting up to three displays<sup>4</sup>, while featuring the
performance to tackle a range of workflows with the latest optional discrete NVIDIA® T400
graphics card.<sup>3</sup>

#### Protected by HP Wolf Security

- HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.
   From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.<sup>5</sup>
- Rest easy with a PC that undergoes MIL-STD 810 testing and 120,000 hours of the HP Total Test Process. Reduce airborne particulate intake with an optional dust filter that helps extend the life of your PC. <sup>6,7,8</sup>
- Configure your desktop's CPU for the perfect combination of performance, power
  consumption, and value. The latest Intel® processor handles multiple work tasks smoothly
  and reliably with multiple processing cores to divide up the work.<sup>2</sup>
- Get power and performance built for a range of multi-app workflows. Optional NVIDIA®
   T400 graphics lets you focus on what matters most with this visual computing platform for mission-critical business.<sup>3</sup>
- Choose the perfect solution to connect your additional devices with either an SD card reader or a dual USB flex I/O port. Easily access your chosen port practically placed on the front bezel of your HP Pro Tower.<sup>3</sup>
- 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.<sup>9</sup>
- Help protect your PC from websites and read-only Microsoft Office and PDF attachments with malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.<sup>10</sup>
- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen7, the self-healing BIOS that automatically recovers itself from attacks or corruption.<sup>11</sup>
- Effortlessly connect peripherals with a convenient USB Type-C<sup>®</sup> port on the front panel of your PC.
- The full value of your investment comes with expansion that extends the life of your PC. The HP Pro Tower 400 has three bays and three slots—including storage and WLAN m.2 slots, and configurable ports to fit your peripheral needs.
- A high-efficiency power supply, ocean-bound plastics used in the speaker box, and moldedpulp packaging help reduce the impact on the environment.<sup>13</sup>

# HP Pro Tower 400 G9 Desktop PC Specifications Table







*Product image may differ from actual product
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Available Operating Systems	Windows 11 Pro <sup>1</sup> Windows 11 Pro Education <sup>1</sup> Windows 11 Home – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Home Single Language – HP recommends Windows 11 Pro for business <sup>1</sup> Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) <sup>1</sup> Windows 10 Pro (available through downgrade rights from Windows 11 Pro) <sup>12</sup> FreeDOS
Processor family <sup>4</sup>	Intel® Pentium® processor; Intel® Celeron® processor; 12th Generation Intel® Core™ 17 processor; 12th Generation Intel® Core™ 13 processor; 12th Generation Intel® Core™ 15 processor
Available Processors <sup>25,26,28,29</sup>	Intel® Core™ i5-12600 with Intel® UHD Graphics (3.3 GHz base frequency, up to 4.8 GHz with Intel Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads), supports Intel® vPro® Technology, Intel® Core™ i5-12500 with Intel® UHD Graphics (3.0 GHz base frequency, up to 4.6 GHz with Intel Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads), supports Intel® vPro® Technology, Intel® Core™ i5-12400 with Intel® UHD Graphics (2.5 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads), supports Intel® vPro® Technology, Intel® Core™ i3-12300 with Intel® UHD Graphics (3.5 GHz base frequency, up to 4.4 GHz with Intel® UHD Graphics (1.5 GHz base frequency, up to 4.3 GHz with Intel® UHD Graphics (3.5 GHz base frequency, up to 4.3 GHz with Intel® UHD Graphics (3.7 GHz base frequency, 4 MB L3 cache, 2 cores, 8 threads); Intel® Core™ i3-12100 with Intel® UHD Graphics (3.5 GHz base frequency, 4 MB L3 cache, 2 cores, 2 threads); Intel® (Intel® Core™ i7-12700 with Intel® UHD Graphics (2.1 GHz base frequency, up to 4.9 GHz with Intel® UHD Boost Technology, 25 MB L3 cache, 12 cores, 20 threads), supports Intel® vPro® Technology
Chipset <sup>28</sup>	Intel® Q670
Form factor	Tower
Maximum memory	64 GB DDR4-3200 SDRAM <sup>6,7</sup> Transfer rates up to 3200 MT/s.
Memory slots	2 DIMM
Internal storage	500 GB up to 2 TB SATA HDD <sup>3</sup> up to 500 GB SATA SE0 Opal 2 HDD <sup>3</sup> 256 GB up to 1 TB PCle® NVMe™ M.2 SSD <sup>3</sup> 256 GB up to 1 TB PCle® NVMe™ LTC M.2 SSD <sup>3</sup> 256 GB up to 2 TB PCle® NVMe™ TLC M.2 SSD <sup>3</sup> 256 GB up to 512 GB PCle® NVMe™ SED Opal 2 TLC M.2 SSD <sup>3</sup>
Optical drive	HP 9.5 mm Slim DVD-Writer; HP 9.5 mm Slim DVD-ROM
Available Graphics	Integrated: Intel® UHD Graphics 730; Intel® UHD Graphics 770 Discrete: NVIDIA® Quadro® 7400 (2 GB GDDR6 dedicated) <sup>20</sup>
Audio	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support
Expansion slots	1 M.2 2230; 1 M.2 2280; 1 PCle x1; 1 PCl; 1 PCle 4 x16 <sup>10</sup> (1 M.2 2230 slot for WLAN and 1 M.2 2280 slot for storage.)
Memory card device	1 SD 4.0 card reader
Ports and Connectors	Front: 1 headphone/microphone combo; 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 3 SuperSpeed USB Type-A 10Gbps signaling rate; Rear: 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; Optional Ports: Add-on card – choose one of the following options: 4x Serial, serial and PS/2 ports combination or parallel; Add-on port: 1 serial; Flex IO rear port – choose one of the following options: 1 DisplayPort™ 1.4, 1 VGA, 1 HDMI 2.0b, 1 serial, 1 SuperSpeed USB Type-C® 10Gbps signaling rate (alternate mode DisplayPort™), 1 Dual SuperSpeed USB Type-A 5Gbps signaling rate; Flex IO front port – 1 Dual SuperSpeed USB Type-A 5Gbps signaling rate; Flex IO front port – 1 Dual SuperSpeed USB Type-A 5Gbps signaling rate;
Input devices	HP PS/2 Business Slim Keyboard; HP USB Business Slim SmartCard CCID Keyboard; HP 125 Wired Keyboard; HP 125 Antimicrobial Wired Keyboard; HP 655 Wireless Keyboard and mouse combo; HP USB 320K Keyboard <sup>9</sup> ; HP PS/2 mouse; HP Wired Desktop 320M mouse; HP 125 Wired Mouse; HP 128 Laser Wired Mouse; HP 125 Antimicrobial Wired Mouse <sup>9</sup> ;
Communications	LAN: Integrated Intel® 1219LM GbE LOM; Intel® 1225-T1 PCIe® 2.5 GbE 11; WLAN: Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 M.2 combo, vPro®; Realtek Wi-Fi 6 RTL8852AE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.2 M.2 combo; Realtek Wi-Fi 6 RTL8821CE 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 M.2 combo; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 M.2 combo, non-vPro® 30.31;
Drive Bays	Two 3.5* HDD
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 10 to 90% RH;
Software	HP Notifications; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Connection Optimizer; HP Privacy Settings; HP Desktop Support Utilities; MyHP; HP QuickDrop; HP Easy Clean; Touchpoint Customizer for Commercial; HP Easy Clean Keyboard Driver; HSA Fusion for Commercial; HSA Telemetry for Commercial; 21.22
Available software	HP Smart Support <sup>8</sup>
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; 13.14.15.16.17.18.19
Security Software Licenses	HP Wolf Pro Security Edition <sup>56</sup>
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) <sup>24</sup>
Power	180 W internal power supply, up to 90% efficiency, active PFC; 400 W internal power supply, up to 92% efficiency, active PFC; 260 W internal power adapter, up to 92% efficiency, active PFC
Dimensions	15.5 x 30.8 x 33.7 cm
Weight	5.31 kg (Weight will vary by configuration)
Ecolabels	EPEAT® registered <sup>5</sup>

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## Accessories and services (not included)

HP 3-year Travel Next Business Day Low End Notebook Only Hardware Support



HP Care Pack

This HP services offers notebook users on the go prompt, reliable coverage in major geographies of the world, for 3 years. For more information on Care Pack services, please visit www.hp.com/go/cpc.

Product number: UC909E

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#### Messaging Footnotes

- <sup>2</sup> 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 you hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

  <sup>3</sup> Optional feature that must be configured at the time of purchase.

  <sup>4</sup> Two standard video ports included with an optional third flex port configurable at the time of purchase.

  <sup>5</sup> HP Wolf Security for Business requires Windows 10, 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.

- \* HI Wort Security for Business requires Windows 10, includes various HP security reatures and is available on HP Pro, Litte, Workstation, and HPUS products. See product details for included security reatures and US requirements.

  \*\*ML STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental Damage Protection Care Pack.

  \*\*PHD Total Test Process testing is not a guarantee of future performance under these test conditions. Accidental Damage Protection Care Pack.

  \*\*Sold separately or as an optional feature.

  \*\*PHD 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.

  \*\*PHD Sure Start Gen7 is available on select HP PCs and requires Windows 10 or higher. See https://bit.ly/2PrLT6A\_SureClick for complete details.

  \*\*HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 or higher.

- 13 Speaker enclosure component contains 5% ocean-bound plastic by weight.

#### 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.

  2 This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. Vou may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

  3 For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows) of system disk is reserved for the system recovery software.

  4 Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 or operating system on products configured with Intel® and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.bp.com

  5 Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

  6 Memory modules support data transfer rates up to 3200 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate.

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   HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit http://www.hp.com/smart-support
   Availability may vary by country/Antimicrobial China only).
   SD 4.0 with 5-in-1 Interface (Supports SD, SDXC, SDHC, UHS-I), UHS-II), Sold separately or as an optional feature.
   Intel® 125-51T PCIe® 2.5 GbE: Sold separately or as an optional feature.
   Wireless access point and internet service required.
   HP Sure Sense is available on select HP PCs and is not available with Windows 10 Home.
   HP BURS-HP Conference of Section and support data transfer and the support of the position of the positi

- \*\* He Source Series is available of its elect. He PCs also a not available with windows to Home.

  \*\* He BIOS/phere Gen6 features may vary depending on the platform and configuration.

  \*\* He PS ecure 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™.

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  \*\* HP Sure Start Gen7 is available on select HP PCs.

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  \*\* HP Sure Markin 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.

  \*\* HP Sure Start Gen7 is available to shipped turned of find 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/. 20 Sold separately or as an optional feature
- 21 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

- 21 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 yor an ius device (phone or tablet) running ius is higher with the iOS HP QuickDrop app.

  22 HP Support Assistant: Requires Windows and Internet access.

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

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  25 Muttl-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.

  26 Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.

  27 Ports are optional. Max of one Flex Port (rear) can be configured. Max of one Add-On Card can be configured, Flex Port (Front) can only be configured when SD card reader is not selected, and must be configured at time of purchase.

  28 For flut Intel® vPro® functionality, Windows 10 Pro 64 bit, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or WILAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software in order to run. See
- <sup>26</sup> For full infere Veros functionality, winnews for root and, or roo
- Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs
- \*\* Writess access point and internet service required and sold separately, Availability of public writess access points internet service required and sold separately, Availability of public writess access points internet service required and HP Sure Sense Proj is available preloaded on Select SKUs and, depending on the HP P product purchased, includes a paid 1-year or 3-year license. The HP Wolf Pro Security Edition (he P product purchased, includes a paid 1-year or 3-year license. The HP Wolf Pro Security Edition (he P product purchased, includes a paid 1-year or 3-year license. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software End-User license Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish\_3875769-3873014-16 as that EULA is modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for either a twelve (12) month or thirty-six (36) month license term ("Initial Energy"), at the end of the Initial Energy unay either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Sure Click and HP Sure Sense at no

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