

HP EliteOne 800 G8 24 Touchscreen All-in-One PC (42T83EA)



Set your office or workspace apart from the ordinary with sophisticated and sleek design of the HP EliteOne 800 AiO. Powered by an 11th Gen Intel® Core™ processor[2] and packed with a new set of premium collaboration features, its ready for all your demanding projects and virtual conferences.



HP recommends Windows 10 Pro for business

Make connections personal

Bring your meetings to life with premium audio and video features.

Power and style

Multitask with ease thanks to a powerful 11th Gen Intel® processor[2], massive storage, and agile memory.

Protected by HP Wolf Security

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

Featuring

Let nothing stand in your way

Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP. [3]

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.

Fast and efficient wireless LAN

The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6. [5]

Protect critical security processes

Keep your critical applications and processes running even if malware tries to shut them down with the self-healing protection of HP Sure Run.

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. [6]

Specifications

Form factor	All-in-one
Operating system	Windows 10 Pro 64
Processor family	11th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-11500 (2.7 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores) ^[6,7]
Processor technology	Intel® Core™ i5 with vPro™ Technology
Chipset	Intel® Q570 (vPro®); Intel® Q570 (non-vPro®) ^[40]
Memory	8 GB DDR4-2933 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ TLC M.2 SSD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 750
Display	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC
Display	23.8" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC ^[34]
Audio features	Audio by Bang & Olufsen, headset and headphone side ports (3.5 mm), high performance integrated stereo speakers
Minimum dimensions (W x D x H)	53.97 x 54.11 x 23.70 cm (With adjustable height stand.)
Minimum dimensions (W x D x H)	21.24 x 21.30 x 9.33 in (With adjustable height stand.)
Weight	9.28 kg (Lowest weight configuration with adjustable height stand. Weight will vary by configuration.)
Weight	20.46 lb (Lowest weight configuration with adjustable height stand. Weight will vary by configuration.)
Keyboard	HP Wireless Business Slim Keyboard and mouse combo
Webcam	5 MP FHD pop-up camera with integrated dual array digital microphones; Dual Facing 5 MP FHD IR pop-up camera for face authentication with Windows Hello with integrated dual array digital microphones; 5 MP FHD IR pop-up camera (front-facing) for face authentication with Windows Hello and Time of Flight Sensor ^[12]
Ports	1 headphone/microphone combo
Expansion slots	1 M.2 2230/2280; 2 M.2 2280 (1 PCIe M.2 2230/2280 slot for WLAN or Storage and 2 PCIe M.2 2280 slot for storage.)
Ports	1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 10Gbps signaling rate
Ports	1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 1 HDMI 2.0a; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 Dual-Mode DisplayPort™ 1.4
Package dimensions (W x D x H)	62.8 x 18.6 x 63.5 cm
Package weight	11.27 kg
Network interface type	WLAN
Wireless	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo
Management features	HP BIOS Configuration Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP System Software Manager (download); HP Cloud Recovery; HP Image Assistant Gen 5; HP Management Integration Kit for Microsoft System Center Configuration Management Gen 5; HP Sure Admin ^[18,19,42]
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure; 40% post-consumer recycled plastic; 30% ITE-derived closed loop plastic; Low Halogen; 80 Plus® Platinum power supplies available
Security management	Power-on password (via BIOS); SATA port disablement (via BIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; Serial enable/disable (via BIOS); HP Secure Erase; HP Sure Click; HP Sure Sense; HP DriveLock and Automatic DriveLock; Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10. (Common Criteria EAL4+ Certified); HP Sure Start Gen6; HP BIOSphere Gen6; HP Sure Admin; HP Client Security Manager Gen7; HP Sure Recover Gen4; HP Sure Run Gen4; HP Presence Aware ^[15,16,20,21,24,27,28,43]
Software included	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Wake on WLAN; HP Desktop Support Utilities ^[13,14,17]

Top Recommended Displays, Accessories and Services

Keyboard and Mouse Kits

HP Wireless Business Slim Keyboard and Mouse	N3R88AA
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Keyboards

HP Wireless Premium Keyboard	Z9N41AA
HP USB Slim Business Keyboard	N3R87AA

Mice

HP Wireless Premium Mouse	1JR31AA
HP Wired Desktop 320M Mouse	9VA80AA
HP USB 1000dpi Laser Mouse	QY778AA

PC Locks

HP Master Keyed Cable Lock 10mm	T1A63AA
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DDR4 Memory

HP 8GB DDR4-3200 SODIMM	13L77AA
HP 16GB DDR4-3200 SODIMM	13L75AA
HP 32GB DDR4-3200 SODIMM	13L73AA

Mounting Kits

HP Single Monitor Arm	BT861AA
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PC Solid State Drives

HP PCIe NVME TLC 256GB SSD M.2 Drive	1CA51AA
HP PCIe NVME TLC 512GB SSD M.2 Drive	X8U75AA

Messaging Footnotes

[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] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. Windows 10 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>.

[4] 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.

[5] 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. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ax devices. Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[6] 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.

Technical Specifications Footnotes

[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.

[12] Sold separately or as an optional feature.

[13] HP tested Windows 10, version 1809 on this platform. For testing information on newer versions of Windows 10, please see <https://support.hp.com/document/c05195282>.

[14] Absolute Persistence Module: Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

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

[16] HP Sure Recover Gen3 is available on select HP PCs and requires an open network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[17] Intel® Unite™ with Skype for Business plug-in: Sold separately or as an optional feature.

[18] HP Driver Packs: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

[19] HP Manageability Integration Kit: Can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.

[20] HP Presence Aware requires a proximity sensor that is available on select EliteBooks and requires Windows Hello for authentication.

[21] HP BIOSphere Gen6 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[24] HP Sure Start Gen6 is available on select HP PCs.

[27] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

[28] Intel® Identity Protection Technology (Intel® IPT): Models configured with Intel® Core™ processors have the ability to utilize advanced security protection for online transactions. Intel® Identity Protection Technology (Intel® IPT), used in conjunction with participating web sites, provides double identity authentication by adding a hardware component in addition to the usual user name and password. Intel® Identity Protection Technology (Intel® IPT) is initialized through an HP Client Security module.

[34] Actual brightness will be lower with HP Sure View and touch screen.

[40] 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>

[42] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up

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