

# HP EliteOne 800 G8 24 All-in-One PC



Be there even when you're not

Purpose built for collaborating and connecting with others, the sleek 23.8-inch diagonal HP EliteOne 800 All-in-One drives productivity and elevates your style of working in your home or at the office.



\*Product image may differ from actual product

HP recommends Windows 11 Pro for business

## Make connecting personal

- Bring your meetings to life with the HP EliteOne 800 AiO equipped with HP Sound Calibration, AI-based noise reduction, HP Dynamic Audio and an optional dual-facing 5MP camera<sup>3</sup> that make it a virtual conferencing powerhouse.

## Power and style

- Set your office or workspace apart from the ordinary with the sophisticated and sleek design of the HP EliteOne 800 AiO. Powered by an 11th Gen Intel® Core™ processor<sup>2</sup> it's ready for all your demanding projects and virtual conferences.

## 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>4</sup>
- Get the exceptional combination of responsive performance, connectivity, and speed with an 11th Gen Intel® Core™ processor that lets you launch, create, and connect quickly and reliably.<sup>2</sup>
- Tune your headphone audio for an immersive sound experience specifically tailored to your preferences with HP Sound Calibration. AI-based HP Dynamic Audio calibrates audio to speech, music, and movies.<sup>5,6</sup>
- This PC is ENERGY STAR® certified and earns an EPEAT® registered in 19 countries.<sup>9</sup>
- Your PC keeps working even when you're not with Modern Standby. When you wake the PC it's ready to work, meaning your email, notifications, and updates have all been updating themselves while the PC is asleep and connected to a network.<sup>10</sup>
- High-touched exterior surfaces can be wiped down using common household disinfecting and cleaning wipes.<sup>11</sup>
- Wake your PC when you approach it and lock it when you leave with HP Presence Aware. An advanced proximity sensor detects your presence and triggers the camera and Windows Hello to confirm your identity and unlock your PC.<sup>12</sup>
- Clear out the background noise from your calls with AI-based noise reduction. It detects background noise and keeps it from being transmitted through your microphone or played by your speakers.
- Improve connectivity in crowded wireless environments while on Wi-Fi® with HP Extended Range Wireless LAN that allows greater distance from transmission point and fast data throughput at shorter ranges.<sup>13</sup>
- TÜV certified low blue light anti-glare panels help remove harmful blue light waves while maintaining similar picture quality and color to standard panels.<sup>14</sup>

## HP EliteOne 800 G8 24 All-in-One PC Specifications Table



\*Product image may differ from actual product

Available Operating Systems	Windows 11 Pro <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 10 Pro <sup>1</sup>
	Windows 10 Home – HP recommends Windows 11 Pro for business <sup>1</sup>
	Windows 10 Home Single Language – HP recommends Windows 11 Pro for business <sup>1</sup>
	FreeDOS (Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)
Processor family <sup>35</sup>	11th Generation Intel® Core™ i7 processor; 11th Generation Intel® Core™ i5 processor; 11th Generation Intel® Core™ i9 processor
Available Processors <sup>37,38,39,40</sup>	Intel® Core™ i9-11900 with Intel® UHD Graphics 750 (2.5 GHz base frequency, up to 5.2 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Core™ i7-11700 with Intel® UHD Graphics 750 (2.5 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Core™ i5-11600 with Intel® UHD Graphics 750 (2.8 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i5-11500 with Intel® UHD Graphics 750 (2.7 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology
Chipset <sup>40</sup>	Intel® Q570 (vPro®); Intel® Q570 (non-vPro®)
Form factor	All-in-one
Maximum memory	64 GB DDR4-3200 SDRAM <sup>3,4</sup> Transfer rates up to 3200 MT/s.
Memory slots	2 SODIMM
Internal storage	256 GB up to 512 GB PCIe® NVMe™ SED Opal 2 TLC M.2 SSD <sup>5</sup> 128 GB up to 2 TB PCIe® NVMe™ TLC M.2 SSD <sup>5</sup> 256 GB up to 512 GB Intel® Optane™ Memory H10 with Solid State Storage <sup>5,41</sup>
Display	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC; 60.5 cm (23.8") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 250 nits, 72% NTSC
Available Graphics	Integrated: Intel® UHD Graphics 730; Intel® UHD Graphics 750
Audio	Audio by Bang & Olufsen, headset and headphone side ports (3.5 mm), high performance integrated stereo speakers
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.)
Memory card device	1 5-in-1 SD media card reader
Ports and Connectors	Left side: 1 headphone/microphone combo ; Right side: 1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 10Gbps signaling rate ; Rear: 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
Input devices	HP Wired Desktop 320K Keyboard; HP Wireless Business Slim Keyboard and mouse combo; HP USB Business Slim SmartCard CCID Keyboard <sup>11</sup> ; HP USB Fingerprint Mouse; HP 125 Wired Mouse; HP 128 Laser Wired Mouse <sup>10,11</sup> ;
Communications	LAN: Integrated Intel® i219LM GbE LOM ; WLAN: Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo; Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5.1 M.2 combo, vPro® ;
Camera	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 <sup>12</sup>
Environmental	Operating temperature: 10 to 35°C; Operating humidity: 5 to 90% RH;
Software	HP Noise Cancellation Software; HP Support Assistant; Buy Office (sold separately); HP JumpStarts; HP Wake on WLAN; HP Desktop Support Utilities; <sup>13,14,17</sup>
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; <sup>15,16,20,21,24,27,28,43</sup>
Security Software Licenses	HP Wolf Pro Security Edition <sup>56</sup>
Fingerprint reader	Fingerprint reader
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 <sup>18,19,42</sup>
Power	210 W internal power supply, up to 92% efficiency, active PFC
Dimensions	53.97 x 54.11 x 23.70 cm (With adjustable height stand.)
Weight	9.28 kg (Lowest weight configuration with adjustable height stand. Weight will vary by configuration.)
Ecolabels	ENERGY STAR® certified; EPEAT® registered <sup>31</sup>
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 <sup>30,31,32,36</sup>
Warranty	3 year (3/3/3) limited warranty includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
Display Color Gamut	72% NTSC

HP EliteOne 800 G8 24 All-in-One PC

Accessories and services (not included)

---

HP 5 year Next Business Day Onsite  
Hardware Support for Desktops



Receive 5 years of next business day onsite HW Support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.  
Product number: U7899E

---

## HP EliteOne 800 G8 24 All-in-One PC

### 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 your 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> 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.
- <sup>5</sup> HP Sound Calibration is coming soon and will be delivered automatically through Windows update or can be downloaded from <https://support.hp.com/us-en/drivers> when available. Requires Windows 10, analog headset, and setup.
- <sup>6</sup> HP Dynamic Audio is coming soon and will be delivered automatically through Windows update or can be downloaded from <https://support.hp.com/us-en/drivers> when available. Requires Windows 10, compatible with internal PC speakers and analog headsets.
- <sup>9</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>10</sup> Requires Windows 10.
- <sup>11</sup> Select household wipes can be safely used to clean select HP commercial PCs. See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at [How to Sanitize Your HP Device Whitepaper](https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW) (<https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW>) not applicable to HP Elite c1030 Chromebook.
- <sup>12</sup> Requires Windows 10 and set up of facial recognition through Windows Hello.
- <sup>13</sup> Based on internal testing of products with and without HP Extended Range Wireless LAN.
- <sup>14</sup> Low blue light panel is only available on non-touch models.

### Technical Specifications Footnotes

- <sup>1</sup> 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>.
- <sup>3</sup> For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. Memory modules support data transfer rates up to 2666 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate. All memory slots are customer accessible / upgradeable.
- <sup>4</sup> All memory slots are customer accessible / upgradeable.
- <sup>5</sup> For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) of disk is reserved for system recovery software.
- <sup>6</sup> Sold separately or as an optional feature.
- <sup>7</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
- <sup>10</sup> Antimicrobial USB Mouse and HP USB Hardened Mouse are not available in all regions.
- <sup>11</sup> HP Wireless Business Slim Keyboard and Mouse Combo sold separately or as an optional feature.
- <sup>12</sup> Sold separately or as an optional feature.
- <sup>14</sup> 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.
- <sup>15</sup> HP Sure Click requires Windows 10 Pro or Enterprise. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.
- <sup>16</sup> 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.
- <sup>17</sup> Intel® Unite™ with Skype for Business plug-in: Sold separately or as an optional feature.
- <sup>18</sup> HP Driver Packs: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- <sup>19</sup> HP Manageability Integration Kit: Can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- <sup>20</sup> HP Presence Aware requires a proximity sensor that is available on select EliteBooks and requires Windows Hello for authentication.
- <sup>21</sup> 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.
- <sup>24</sup> HP Sure Start Gen6 is available on select HP PCs.
- <sup>27</sup> HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.
- <sup>28</sup> 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.
- <sup>30</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>31</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- <sup>32</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>33</sup> 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 notebook to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.
- <sup>35</sup> 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 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.hp.com>.
- <sup>36</sup> ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- <sup>37</sup> 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.
- <sup>38</sup> Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.
- <sup>39</sup> Some functionality of vPro® technology, such as Intel Active management technology and Intel® Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependant on 3rd party software providers. Compatibility of this generation of Intel vPro technology-based hardware with with future "virtual appliances" is yet to be determined.
- <sup>40</sup> 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>
- <sup>41</sup> Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10 64-bit, and an Intel® Rapid Storage Technology (Intel® RST) driver.
- <sup>42</sup> 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 important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.
- <sup>43</sup> HP Sure Sense is available on select HP PCs and is not available with Windows 10 Home.
- <sup>56</sup> HP Wolf Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is available preloaded on select SKUs and, depending on the HP 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](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 Term"). At the end of the Initial Term you may 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 Support.

Sign up for updates [hp.com/go/getupdated](http://hp.com/go/getupdated)

© Copyright 2021 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel®, the Intel logo, Intel Core, vPro®, Optane™, and Core Inside are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Bluetooth® is a trademark of its proprietor, used by HP Inc. under license. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. Adobe PDF is a trademark of Adobe Systems Incorporated. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. AMD is a trademark of Advanced Micro Devices, Inc. All other trademarks are the property of their respective owners.

December 2021

