

# HP Elite SFF 800 G9 Desktop PC

Designed for speed and efficiency and equipped with enterprise-class security and manageability, the compact HP Elite 800 SFF Desktop PC helps future proof your fleet with ultimate flexibility and upgradeability.



## Expansion for the future

Future proof your fleet with up to two PCIe Gen<sup>4</sup> SSDs, two HDDs, and four native PCIe Slots that provide enormous expansion. Help ensure broad compatibility with evolving technology with serial ports, a configurable rear I/O port<sup>44</sup>, and 11 USB ports.



## Fast and efficient wireless LAN

Get a fast and reliable connection in dense wireless environments with optional gigabit data rate Wi-Fi 7<sup>16</sup>

## Breakthrough performance

Power users with heavy workloads will enjoy the latest gen Intel® processor<sup>1</sup>, fast dual PCIe Gen 4 storage<sup>44</sup>, and optional AMD® RX6300 graphics.<sup>44</sup> Get ready for an immersive experience with the ability to connect up to seven monitors.<sup>2</sup>

## Help protect our shared future

At least 50% of all plastic used in this PC is post-consumer recycled plastic.<sup>7</sup> The outer box packaging is 100 percent sustainably sourced.<sup>8</sup> This PC is ENERGY STAR® certified and EPEAT® registered in 23 countries.<sup>9</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>40</sup>

## Designed for



Frontline  
Pro



Office  
Independents



Office  
Collaborators



Tech experts

## Recommended ecosystem<sup>17</sup>



HP Series 7 Pro 23.8"  
FHD Monitor - 724pf



Poly Voyager  
Focus 2



HP 655 Wireless Key-  
board and Mouse Combo



HP Business PC  
Security Lock V3



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|                          |  |
|--------------------------|--|
| Processor/Chipset        | 12 <sup>th</sup> /13 <sup>th</sup> /latest Gen Intel® Processors 65W up to Core i9/Q670, vPro standard <sup>39</sup>   |
| PSU                      | 260W/400W  |
| Memory                   | Up to 128 GB DDR5 <sup>6</sup> 4400 MT/s   |
| Graphics                 | <p>Integrated: Intel® UHD 770/730 graphics</p> <p>Optional discrete graphic card options:<sup>44</sup></p> <ul style="list-style-type: none"> <li>▪ AMD Radeon™ RX 6300 2GB</li> <li>▪ Nvidia® T400 4GB</li> </ul>   |
| Drive bays & storage     | <p>(2) 3.5 and (1) 9.5mm slim ODD</p> <p>Up to 2TB PCIe® NVMe™ TLC M.2 SSD (PCIe Gen4); Up to 512GB PCIe® NVMe™ SED Opal2 TLC M.2 SSD;</p> <p>Up to 1TB PCIe® NVMe™ Value M.2 SSD; Up to 2TB SATA HDD. (2 x M.2 SSD slots, up to 4TB max)</p> <p>(2 x 3.5" HDD bays, up to 4 TB max)<sup>42</sup></p>  |
| Keyboard & Mouse         | <ul style="list-style-type: none"> <li>▪ HP Wired 320K Keyboard; HP USB Business Slim Wired SmartCard CCID Keyboard; HP 125 Wired Keyboard; HP 125 AntiMicrobial Wired Keyboard (China Only)</li> <li>▪ HP 655 Wireless Keyboard and Mouse Combo</li> <li>▪ HP Wired 320M Mouse; HP PS/2 Mouse; HP 125 Wired Mouse; HP 128 Wired Laser Mouse; HP Wired 125 Antimicrobial Mouse (China only)</li> </ul>   |
| Ports & Connectors       | <p>Front: (4) SuperSpeed USB Type-A 10Gbps signaling rate ports; (1) SuperSpeed USB Type-C® 20Gbps signaling rate port; (1) Combo Audio Jack; (1) SD Card reader (optional)</p> <p>Rear: (1) Audio line-in/line-out jack connector; (1) RJ-45; (3) SuperSpeed USB Type-A 5Gbps signaling rate ports; (3) USB Type-A 480Mbps signaling rate ports; (2) DisplayPort™ 1.4a; (1) HDMI 1.4b; (1) Choice of Serial/DisplayPort™ 1.4a/HDMI 2.0b/VGA, dual USB-A (5Gbps) or USB-C® or Thunderbolt™ (via PCIe), (1) Serial/PS/2 optional via PCIe</p> |
| Connectivity             | <p>LAN: Integrated Intel® I219LM GbE LOM; Intel® I225-T1 PCIe® 2.5 GbE NIC; Intel I226-T1 2.5GbE NIC</p> <p>WLAN: Intel BE200 Wi-Fi 7<sup>49</sup> + Bluetooth® 5.4 wireless card vPro/Non-vPro WLAN, Intel® AX211 Wi-Fi 6E<sup>16</sup> + Bluetooth 5.2 M.2 2230 160MHz CNVi WW WLAN (with external antenna); Intel® AX211 Wi-Fi 6E<sup>16</sup> + Bluetooth 5.2; M.2 2230 160MHz CNVi WW WLAN vPro™; Realtek 8852BE Wi-Fi 6<sup>10</sup> + Bluetooth 5.2 M.2 2230 PCI-e + USB WW WLAN</p>  |
| Expansion slots          | (1) PCIe 4.0 x16 (dGPU), (1) PCIe 3.0 x16 (wired as x4), (2) PCIe 3.0 x1, (1) M.2 2230 for optional WLAN/Bluetooth® (improved antenna performance), (2) M.2 2280 for optional Gen 4 SSD drive  |
| Security & Manageability | TPM 2.0, Sure Start, HP Sure Run, HP Sure Recover, HP Sure Click <sup>57</sup> , HP Manageability Integration Kit33, HP Sure Sense <sup>50</sup> , HP BIOSphere Gen6 <sup>52</sup> , HP Tamper Lock  |
| Sustainability           | Speaker enclosure, fan housing / ducts & front I/O strip made from recycled material including ocean-bound plastics <sup>21</sup> ; Outer box packaging and corrugated cushions are 100% sustainably sourced and recyclable <sup>8</sup> ; low halogen; Bulk packs available <sup>73</sup>   |



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## FOOTNOTES

1. 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.
2. Seven monitors sold separately and connection to seven monitors only supported on PCs equipped with discrete graphics card and compatible flex I/O ports that must be configured at the time of purchase.
3. HP Tamper Lock requires a supervisor password be established prior to use.
4. Memory modules support data transfer rates up to 4800 MT/s, system speed up to 4400 MT/s, following Intel's design guideline. Actual data rate is determined by the system configuration. To achieve optimal memory speed, HP strongly recommends to use identical memory modules (e.g., same capacity, same part number and from the same supplier) within the same memory channel.
5. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
6. 100% outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.
7. 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.
8. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.
9. Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.
10. All HP Desktop Minis and AIOs support Wi-Fi 6E. HP 600/800 G9 TWR/SFF desktops with Intel® 13th Gen CPUs support Wi-Fi 6E. HP 600/800 G9 TWR/SFF desktops do not support Wi-Fi 6E standard when configured with Intel 12th Gen CPUs. 400 G9 TWR/SFF do not support Wi-Fi 6E. HP desktops that support Wi-Fi 6E require 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. HP desktops that do not support Wi-Fi 6E do not operate under 6GHz band. The products are compatible with 6GHz and other routers, sold separately, which have capability to operate in 2.4GHz and 5GHz, in compliance with Wi-Fi 6 and prior 802.11 specs. The actual throughput depends network condition and router configuration. Internet service required and public wireless access points are limited.
11. For 800 G8 DM: PC speaker enclosure, front bezel I/O strip, and front bezel frame components each made with 5% ocean-bound plastic by weight. For 800 G8 SFF: PC speaker enclosure and front bezel I/O strip components each made with 5% ocean-bound plastic by weight.
12. HP Sure Admin requires Windows 10 or 11 Pro 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.
13. HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 or 11 Pro or higher.
14. HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 or 11 Pro or higher.
15. HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 or 11 Pro or higher must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.34. MIL-STD 810 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 requires an optional HP Accidental Damage Protection Care Pack.
16. HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
17. Intel vPro® requires Windows 10 Pro 64 bit or higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See <http://intel.com/vpro>
18. HP Wolf Security for Business requires Windows 10 Pro 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 and OS requirements.
19. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.
20. Sold separately or as an optional feature.
21. SSD M.2 drive is an optional feature that must be configured at purchase and is planned to be available soon.
22. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
23. HP Sure Sense is available on select HP PCs and is not available with Windows10 Home.
24. HP BIOSphere Gen6 requires Windows 10 or 11 Pro or higher and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.
25. HP Sure Click requires Windows 10 or 11 Pro or higher. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.
26. 100% outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.
27. Molded Pulp cushions made from 100% recycled wood fiber and organic materials.
28. Bulk packaging solution may vary by region or market.

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