

HP EliteDesk 8 Mini G1a Desktop Next Gen AI PC (C4DS7AW)



Next-gen AI power in a Mini to fuel your innovative ideas

Run multiple AI based applications[4] simultaneously driving productivity with uninterrupted workflows on the HP EliteDesk 8 Mini G1a Next Gen AI PC. Versatile deployment options, and advanced security features make it the ideal choice for modern workspaces.



HP Recommends Windows 11 Pro

Summarize and rewrite content, get relevant recommendations, and stay organized with Microsoft Copilot.[1,9]

Powered to thrive

Enjoy the next-gen AI performance provided by an AMD Ryzen™ processor[2] with an up to 50 TOPS NPU.[3]

Easy to deploy

The compact 1L chassis provides flexible deployment options.

Featuring

HP recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11 and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot. [5]

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. [6]

Simple PC management

Spend less time and get right to the updates you need with HP Support Assistant. [7]

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. [8]

HP Sure Sense

Malware is evolving rapidly beyond traditional antivirus capabilities. Protect your PC against never-before-seen attacks with HP Sure Sense, which combines behavioral analysis with advanced AI techniques to provide exceptional protection. [12]

Specifications

Form Factor	Mini
Operating System Software	Windows 11 Pro ^[1]
Processor Family	AMD Ryzen™ AI 5 processor
Processor Name	AMD Ryzen™ AI 5 340 (up to 4.8 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) ^[6,7]
Standard Memory Description 01	16 GB DDR5-5600 MT/s (1 x 16 GB)
Memory Slots	2 SODIMM
Hard Drive Description (01)	512 GB PCIe® Gen4 NVMe™ TLC M.2 SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ 840M Graphics
Audio Features	Realtek ALC3252 codec, universal audio jack with CTIA headset support
Product Dimensions (metric)	17.7 x 18.1 x 3.42 cm
Product Dimensions (imperial)	6.97 x 7.13 x 1.35 in
Weight (metric)	1.42 kg
Weight (imperial)	3.13 lb
Package Dimensions (metric)	48.1 x 10.5 x 24 cm; 49.8 x 13.2 x 23.5 cm (USA and Brazil models only)
Package Dimensions (imperial)	18.9 x 4.1 x 9.4 in; 19.6 x 5.2 x 9.3 in (USA and Brazil models only)
Package Weight (metric)	2.95 kg
Package Weight (imperial)	6.49 lb
Keyboard	HP USB 320K v2 Keyboard
Pointing Device	HP 125 Wired Mouse
External I/O Ports	1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate; 1 combo audio jack with CTIA and OMTP headset support
Expansion Slots	1 M.2 2230; 3 M.2 2280 <i>(1 M.2 slot for WLAN and 3 M.2 2280 slots for storage.)</i>
External I/O Ports 02	2 USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 RJ-45; 1 power connector; 2 DisplayPort™ 2.1; 2 external antenna connector; 1 USB4 40Gbps signaling rate (100W USB power delivery)
External I/O Ports 04	1 HDMI 2.1
Network Interface	Realtek RTL8111EPP GbE
Wireless Technologies	Realtek Wi-Fi 6 RTL8852BE-VT 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.4 wireless card
Power Supply Required	90 W external AC power adapter, up to 89% efficiency
Ecolabels (fixed)	EPEAT® registered
Energy Star Certified	ENERGY STAR® certified
Sustainable Impact Specifications	Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure and I/O strip; 55% post-consumer recycled plastic; 100% recycled rare earth elements in speaker; Outside box and corrugated cushions are 100% sustainably sourced and recyclable
UPC Number	(A2K) 199485744902; (A2N) 199485745176; (A2Q) 199485744681; (AB0) 199485744810; (AB1) 199485744803; (AB2) 199485744797; (AB4) 199485744773; (AB5) 199485744926; (AB6) 199485745121; (AB7) 199485745046; (AB8) 199485745244; (AB9) 199485745183; (ABA) 199485744636; (ABB) 199485745015; (ABC) 199485744643; (ABD) 199485745060; (ABE) 199485745220; (ABF) 199485745022; (ABG) 199485744780; (ABH) 199485745107; (ABJ) 4573620055447; (ABM) 199485744698; (ABN) 199485745138; (ABT) 199485745077; (ABU) 199485745268; (ABV) 199485744940; (ABY) 199485744988; (ABZ) 199485745091; (AC4) 199485744711; (AC8) 199485744674; (ACF) 4573620046360; (ACH) 199485744667; (ACJ) 199485744766; (ACQ) 199485745213; (AH3) 199485745152; (AK8) 199485745206; (AKC) 199485745084; (AKD) 199485745145; (AKE) 199485745169; (AKH) 199485744650; (AKL) 199485744759; (AKQ) 199485745190; (AKS) 199485745008; (AR6) 199485744742; (ARE) 199485744728; (B10) 199485745039; (B1R) 199485744957; (BCM) 199485744995; (BED) 199485744933; (BH4) 199485744964; (BH5) 199485744919; (BJA) 199485745053; (UUF) 199485744735; (UUG) 199485744971; (UUQ) 199485744704; (UUZ) 199485745237

Top Recommended Displays, Accessories and Services

Series 5 Pro

HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0UT
HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm	9E0Y9UT
HP Series 5 Pro 34 inch WQHD USB-C Conferencing Monitor - 534pm	9E0Z2UT

Wired Headset

Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA
Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA

Wireless Headset

Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA
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Messaging 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 11 is automatically updated, which is always 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] 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. AMD's numbering is not a measurement of clock speed.
- [3] Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configuration or compatibility requirements. Potential NPU inferencing performance varies by use, configuration, and other factors.
- [4] ISV solutions are sold separately and may require a subscription and NPU.
- [5] 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 11 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>. Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See <http://aka.ms/WindowsAIFeatures>.
- [6] 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.
- [7] Internet access required.
- [8] HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
- [9] Microsoft Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
- [12] HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

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>.
- [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.

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