

HP EliteBoard G1a Next Gen AI PC (DE1W8LT)



Desktop-grade power. Keyboard-sized freedom

The EliteBoard G1a AI PC delivers the AI performance of a desktop PC that adapts to how you work — packed into an ultralight, ultra-serviceable keyboard. The AMD Ryzen processor[2] provides up to 50 TOPS NPU[3] of local AI on a device you can connect to any monitor[4] with a single cable, extending productivity beyond one desk.



Minimalism that maximizes your workflow

An incognito desktop AI PC with dual mics and speakers all built into a sleek keyboard designed to simplify your setup without clutter and tangled wires.

Protection that starts before the threat

HP Wolf Security for Business[5] detects and self-heals BIOS attacks and provides future-ready protection against quantum computing attacks.

Adaptable AI that works like you do

Take on demanding workloads with up to 50 TOPS[3] of local AI to analyze, create, and optimize with an optional built-in battery for seamless flexibility.[7]

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. [1]

Calculated comfort in every keystroke

Engineered for an elite typing experience with backlit, larger row keys for quick, clickable controls, optimized for long, rigorous typing sessions.

Engineered for desk-to-desk endurance.

Built to survive those unexpected spills and scrapes, the HP EliteBoard G1a PC is equipped with a spill-resistant, easy-clean keyboard. Designed to pass MIL-STD 810 tests so you stay resilient even in demanding environments. [6]

No downtime drama, just snap-in solutions

Future-ready with easily replaceable top-mounted keyboard, RAM, SSD, and optional battery. This modular design build slashes costs and simplifies maintenance of your device.

Always audio ready, anywhere.

Bring seamless desk-to-desk collaboration to every work session and clarity to every call with integrated dual speakers and microphones tuned by PolyStudio, delivering premium audio that transforms your workspace into a conference room.

Specifications

Form Factor	Keyboard PC
Operating System Software	Windows 11 Pro ^[1]
Processor Family	AMD Ryzen™ AI 5 processor
Processor Name	AMD Ryzen™ AI 5 330 (up to 4.5 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 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® Gen5 NVMe™ M.2 SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ 820M Graphics
Audio Features	Audio by Poly Studio, dual stereo speakers (72 dBL, 450 Hz bass roll-off), integrated dual-array microphones (normal-SNR) with hardware-based noise cancellation
Product Dimensions (metric)	35.81 x 11.87 x 1.79 cm
Product Dimensions (imperial)	14.1 x 4.7 x 0.7 in
Weight (metric)	0.67 kg (Weight will vary by configuration. Does not include power adapter)
Weight (imperial)	1.49 lb (Weight will vary by configuration. Does not include power adapter)
Package Dimensions (metric)	40.8 x 26.3 x 5.7 cm
Package Dimensions (imperial)	16.06 x 10.35 x 2.24 in
Package Weight (metric)	1.48 kg
Package Weight (imperial)	3.26 lb
Keyboard	HP Premium CoPilot Backlit Keyboard
Pointing Device	HP 675M Bluetooth Wireless Mouse
External I/O Ports	1 USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1b); 1 nano security lock slot; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4) ^[7]
Wireless Technologies	MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 6.0 wireless card
Power Supply Required	65 W external USB Type-C® GaN power adapter, non-PFC ^[10]
Battery Type	HP Long Life 2-cell, 32 Wh Li-ion
Sustainability Specifications	At least 90% recycled steel content (system); At least 75% recycled plastic content (enclosure); 100% recycled rare earth magnets (speaker box); 100% recycled or certified cardboard materials, and recyclable packaging
UPC Number	821844949047
Manufacturer Warranty	1-year warranty and 90 day software limited warranty options depending on country. HP Worldwide Limited Warranty for the battery is aligned with the warranty period of the HP Hardware Product. Refer to http://www.hp.com/support/batterywarranty/ for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc .
What Is In The Box	Canvas cover sleeve (optional) ^[47]

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 Monitor - 527pu	9E0G5AA

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. 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>.

[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] Requires compatible display with USB-C® connection. Compatible display sold separately.

[5] HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features.

[6] 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. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[7] Optional feature must be configured at time of purchase.

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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[10] Optional feature. Country-specific duckhead adapter provided based on localization at time of configuration. Gallium Nitride (GaN) adapter.

[47] Supports data transfer up to 40 Gbps, video output for 2 monitors (via daisy chain) up to 4 K at 120 Hz or 5 K at 60 Hz, and power delivery up to 65 W.

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