

HP EliteBoard G1a Next Gen AI PC (D88BVPT)



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]

Specifications

Form Factor	Keyboard PC
Operating System Software	Windows 11 Pro ^[1]
Processor Family	AMD Ryzen™ AI 7 PRO processor
Processor Name	AMD Ryzen™ AI 7 PRO 350 (up to 5.0 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 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™ 860M 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 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 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card
Power Supply Required	65 W external USB Type-C® GaN power adapter, non-PFC ^[10]
Sustainable Impact Specifications	100% sustainably sourced and recyclable packaging; 100% recycled rare earth magnets (speaker box); Up to 90% ocean-bound plastic (keycaps and keyboard membrane); Up to 90% recycled steel content (system); Up to 75% recycled plastic content (enclosure)
UPC Number	821844442012
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); Built-in USB Type-C® cable; Detachable USB Type-C® cable ^[47]

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[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.

[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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