ProductSheet

HP EliteStudio 8 All-in-One G1i 27 inch Desktop AI PC Wolf Pro Security Edition (C7GL7UT)

Collaborate seamlessly with a sophisticated AiO design

Featuring AI-enhanced performance with the latest Intel Core Ultra processor[2] and an up to 13 TOPS NPU.[3] The HP EliteStudio 8 AiO G1i AI PC offers advanced security, up to 4 TB of M.2 storage[4], and a sensational design, making it ideal for modern workspaces.



HP Recommends Windows 11 Pro
Summarize and rewrite content, get relevant recommendations, and stay organized with Microsoft Copilot.[1,10]

Intel® powers AI PCs
Free up time to focus on what matters with the latest Intel® Core™ Ultra processor with an up to 13 TOPS NPU.[2,3]

Sophisticated design
Enjoy a sleek design of this flexible AiO with portrait and landscape orientations.

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]

Intel® powers PCs enhanced by AI
Free up time to focus on what matters with the latest Intel® Core™ Ultra processor with an up to 13 TOPS NPU. Three compute engines manage workloads, help improve video conferencing and allow for advanced content creation. [7]

Collaboration through the NPU
Look your best on video calls and save some power too. Manage your video controls for internal and external cameras with Poly Camera Pro. Now Auto Frame, Spotlight, Background Blur, and virtual backgrounds save power running on the NPU. [8]

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. [11]

Fast and efficient Wi-Fi 7
Get a fast and reliable connection in dense wireless environments with optional gigabit data rate Wi-Fi 7. [9]

Specifications

Form factor	All-in-One
Operating system	Windows 11 Pro[1]
Processor family	Intel® Core™ Ultra 5 processor
Processor	Intel® Core™ Ultra 5 235 (up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 14 threads)[6,7]
Processor technology	Intel® vPro® Technology
Chipset	Intel® Q870 (vPro®)[4]
Memory	16 GB DDR5-5600 MT/s (1 x 16 GB)
Memory Slots	2 SODIMM (with support for RAID 1)
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Graphics	Integrated
Graphics (integrated)	Intel® Graphics
Display	68.6 cm (27") diagonal, QHD (2560 x 1440), touch, IPS, anti-glare, 350 nits, 72% NTSC
Display	27" diagonal, QHD (2560 x 1440), touch, IPS, anti-glare, 350 nits, 72% NTSC
Audio	Realtek ALC3252 codec, internal speaker, combo microphone/headphone jack
Dimensions (W x D x H)	61.34 x 37.17 x 5.25 cm
Dimensions (W x D x H)	24.15 x 14.24 x 2.07 in
Weight	7.8 kg *(Exact weight depends on configuration.)*
Weight	17.2 lb *(Exact weight depends on configuration.)*
Keyboard	HP USB 320K v2 Keyboard
Pointing device	HP 125 Wired Mouse
Camera	5 MP IR camera (pull-up) with integrated dual array digital microphones[11]
Ports	1 USB Type-A 10Gbps signaling rate; 1 3.5 mm universal audio jack; 1 USB Type-C® 20Gbps signaling rate (15W charging)
Expansion slots	1 M.2 2230 (WLAN); 2 M.2 2280 (SSD)
Ports	1 USB Type-A 10Gbps signaling rate; 1 HDMI-out 2.1; 1 RJ-45; 1 DisplayPort™ 2.1; 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (100W USB Power Delivery, KVM switch); 2 USB Type-A 5Gbps signaling rate (keyboard wake capable); 1 USB Type-C® 10Gbps signaling rate (with DisplayPort™ Alt Mode)
Package dimensions (W x D x H)	74 x 22.80 x 48 cm
Package weight	16.75 kg
Network interface	Intel® I219-LM GbE
Wireless	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, vPro®
Power	280 W internal power supply, up to 93% efficiency, active PFC
Ecolabels	TCO Certified Edge
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	5% REE recycled magnets in system; 20% recycled metal in enclosure; 60% recycled plastic in system; 25% ocean-bound plastic in thermal fan module; 5% ocean-bound plastic in speaker enclosure; 35% recycled indium and 20% recycled glass in display panels
Software included	HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows
UPC number	(ABA) 199642201668; (ABC) 199642201651

Top Recommended Displays, Accessories and Services

Series 5 Pro	
HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0UT
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

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] 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.

[3] Features and software that require an 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. Performance varies by use, configuration, and other factors.

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

[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.

[7] 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. Features and software that require an 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. Performance varies by use, configuration, and other factors.

[8] Poly software planned to be available Summer 2024. Requires Windows OS.

[9] Optional feature must be configured at the time of purchase. 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. Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[10] Microsoft Copilot requires Windows 11. Some features require an NPU. Timing of feature delivery and availability 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 .

[11] 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.

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.

[4] For full Intel® vPro® functionality, Windows 11 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 .

[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.

[11] Both camera options come with integrated ISP+ camera technology to support AI Human Presence Detection (Walk Away Lock and Wake On Approach), both camera options support microphones with Next Gen AI Noise Reduction and Echo Cancellation.

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