ProductSheet

HP ProBook 4 G1a 14 inch Notebook AI PC (BZ2G2LT)

Excel with cutting-edge, durable AI laptop performance

The HP ProBook 4 G1a 14-inch Notebook AI PC provides growing businesses with commercial-grade performance, multi-layered endpoint security[7], and durability in an easily upgradeable design. Powered by the latest AMD® processor[2] with 16 TOPS NPU[6] and long battery life, this feature-rich PC is future-ready for long-term productivity and AI exploration.



Designed for thriving business
Easily manage tasks with a powerful AMD processor[2] featuring 16 TOPS NPU[6] and upgradeable storage and memory.

Hybrid productivity unleashed
Enhance productivity working from home or in the office with the 16:10 aspect ratio[5] on a 14-inch display.

Enterprise-level security, simplified
Safeguard your business with next-gen antivirus—multi-layered endpoint security protection from bad actors.[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]

Ready to meet the demands of your day
Get through your deadline-driven, multi-tasking day using the AMD Ryzen™ processor with a perfect combination of performance, power consumption, and value. [2]

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. [3]

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. [4]

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. [8]

Specifications

Operating System Software	Windows 11 Pro[1]
Product Color Description (fixed)	Pike silver
Processor Family	AMD Ryzen™ 7 processor
Processor Name	AMD Ryzen™ 7 250 (up to 5.1 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)	1 TB PCIe® NVMe™ SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ 780M Graphics
Display Description (metric)	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB
Display Description	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB[14,15,16,17]
Audio Features	Audio by Poly Studio, dual stereo speakers, dual array microphones
Product Dimensions (metric)	31.86 x 22.43 x 1.09 cm (front); 31.86 x 22.43 x 1.7 cm (rear) *(Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.)*
Product Dimensions (imperial)	12.54 x 8.83 x 0.43 in (front); 12.54 x 8.83 x 0.67 in (rear) *(Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.)*
Weight (metric)	Starting at 1.4 kg *(Weight will vary by configuration. Does not include power adapter.)*
Weight (imperial)	Starting at 3.09 lb *(Weight will vary by configuration. Does not include power adapter.)*
Keyboard	Spill-resistant keyboard
Pointing Device	Clickpad with multi-touch gesture support
Sensors	HP Sure Platform; Thermal sensor; HP Tamper Lock; Hall effect sensor[14]
Integrated Camera	1080p FHD camera
External I/O Ports	1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45; 1 security lock slot; 2 USB Type-A 5Gbps signaling rate (powered); 2 USB Type-C® 10Gbps signaling rate (USB Power Delivery 3.0, DisplayPort™ 1.4) *(Cables are not included.)*
Network Interface	Realtek RTL8111HSH-CG GbE
Wireless Technologies	MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card
Power Supply Required	65 W USB Type-C® adapter[43]
Battery Type	HP Long Life 3-cell, 56 Wh Li-ion polymer
Ecolabels (fixed)	TCO Certified
Energy Star Certified	ENERGY STAR® certified
Sustainability Specifications	At least 50% recycled metal; At least 20% post-industrial recycled steel; HP paper-based packaging is from recycled or certified sources; At least 20% post-consumer recycled plastic; At least 50% ocean-bound plastic; Low halogen; Bulk packaging available
UPC Number	(ABM) 199251770357; (AC8) 199764764522
Manufacturer Warranty	1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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 .

Top Recommended Displays, Accessories and Services

Series 5 Pro	
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6UT
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AA
Wired Headset	
Poly Blackwire 3320 Stereo USB-C Headset +USB-C/A Adapter	8X219AA
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA
Wireless Headset	
Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA
Internal ports/Modules/Controllers	
HP 4G LTE-Advanced Pro Cat16 WWAN	B8BD2AA
Wireless Keyboards	
HP 225 Wireless Keyboard	805T1AA
HP 455 Programmable Wireless Keyboard	4R177AA
HP 475 Dual-Mode Wireless Keyboard	7N7B9UT
Wireless Mice	
HP 235 Slim Wireless Mouse	4E407UT
HP 435 Multi-Device Wireless Mouse	3B4Q5UT
HP 515 Ultra-Fast Rechargeable Wireless Mouse	9C2F7AA
Port Replicators	
HP Universal USB-C Multiport Hub	50H55UT
HP USB-C Travel Hub G3	86S97UT
Power Adapters	
HP USB-C 65W Laptop Charger	671R3UT
HP 65W USB-C LC Power Adapter	1P3K6AA

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] 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.

[4] HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.

[5] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[6] 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.

[7] HP Wolf Security for Business requires Windows 10 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 and OS requirements.

[8] 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. 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.

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

[15] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[16] Actual brightness will be lower with touchscreen.

[17] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[43] Availability may vary by country.

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