

HP ProBook 4 G1ah 16 inch Notebook PC (D82U8PT)



Excel with cutting-edge, durable laptop performance

The HP ProBook 4 G1ah 16-inch Notebook 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] and long battery life, this feature-rich PC is future-ready for long-term productivity.



Designed for thriving business

Easily manage tasks with a powerful AMD processor[2] featuring 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 16-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 data rate Wi-Fi 7. [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. [6]

Specifications

Operating System Software	Windows 11 Pro ^[1]
Product Color Description (fixed)	Pike silver
Processor Family	AMD Ryzen™ 5 processor
Processor Name	AMD Ryzen™ 5 220 (up to 4.9 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) ^[6,7]
Standard Memory Description 01	8 GB DDR5-5600 MT/s (1 x 8 GB)
Memory Slots	2 SODIMM
Hard Drive Description (01)	512 GB PCIe® NVMe™ SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ 740M Graphics
Display Description (metric)	40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB
Display Description	16" 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)	35.94 x 25.1 x 1.7 cm (rear); 35.94 x 25.1 x 1.09 cm (front) <i>(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.)</i>
Product Dimensions (imperial)	14.15 x 9.88 x 0.43 in (front); 14.15 x 9.88 x 0.67 in (rear) <i>(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.)</i>
Weight (metric)	Starting at 1.75 kg <i>(Weight will vary by configuration. Does not include power adapter.)</i>
Weight (imperial)	Starting at 3.86 lb <i>(Weight will vary by configuration. Does not include power adapter.)</i>
Keyboard	Spill-resistant, backlit keyboard with numeric keypad
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) <i>(Cables are not included.)</i>
Network Interface	Realtek RTL8111HSH-CG GbE
Wireless Technologies	MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 5.4 wireless card
Power Supply Required	65 W USB Type-C® adapter ^[43]
Battery Type	HP Long Life 3-cell, 56 Wh Li-ion polymer
Energy Star Certified	ENERGY STAR® certified
Sustainable Impact Specifications	Low halogen; Bulk packaging available; 25% post-consumer recycled plastic; 50% ocean-bound plastic; 50% recycled metal; 100% of HP paper-based packaging is from recycled or certified sustainable sources
UPC Number	821844393611
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
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Backpacks

HP Everyday 16-inch Laptop Backpack	A08KLUT
HP Travel Plus 30L 17-inch Laptop Backpack	A2CE0AA

Topload Bags

HP Everyday 16-inch Laptop Bag	A08KKAA
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Internal ports/Modules/Controllers

HP 4G LTE-Advanced Pro Cat16 WWAN	B8BD2AA
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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 65W GaN USB-C Laptop Charger	600Q8UT
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 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.

[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] HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

[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.

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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