



AI-enhanced speed on a big screen for a smart price

Explore immersive visuals and AI-enhanced processing^[3] that streamlines complex tasks on a bold 16-inch screen with the HP ProBook G2a, fluently aligning enterprise security, upgradeability, and reliable battery life in a cost-conscious design for hybrid professionals who demand clarity and power across presentations and analytics.

Scale up with AI performance and big display

Command results across a spacious screen with AI-enhanced performance, reliable battery and trusted security in a cost-optimized device.^[3]

Highlight your work on every team project

Make the best of the spotlight with an HDR camera and audio expertly tuned for immersive engagement—no matter where you work.

HP BIOS and Wolf Security

Fortify your most essential data with built-in, multi-layered protections from HP Wolf Security for Business^[5]

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]

Commanding AMD processor

Take on your work with an efficient and reliable AMD Ryzen® processor with Thermal Design Power (TDP) that provides a highly responsive experience and up to 50 TOPS of NPU.

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.^[2]

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™ AI 5 processor
Processor Name	AMD Ryzen™ AI 5 435 (up to 4.5 GHz max boost clock, 8 MB L3 cache, 6 cores, 12 threads) ^[6,7]
Standard Memory Description 01	32 GB DDR5-5600 MT/s (2 x 16 GB)
Memory Slots	2 SODIMM
Hard Drive Description (01)	512 GB PCIe® NVMe™ M.2 SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ 840M 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 ^[13,15,16,17]
Audio Features	Audio by Poly Studio, dual stereo speakers, dual microphones enhanced by AI noise reduction
Product Dimensions (metric)	35.94 x 25.1 x 1.1 cm (minimum front); 35.94 x 25.1 x 1.7 cm (minimum rear); 35.94 x 25.1 x 1.15 cm (maximum front); 35.94 x 25.1 x 1.75 cm (maximum 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>
Product Dimensions (imperial)	14.15 x 9.88 x 0.43 in (minimum front); 14.15 x 9.88 x 0.67 in (minimum rear); 14.15 x 9.88 x 0.45 in (maximum front); 14.15 x 9.88 x 0.69 in (maximum 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 1.73 kg <i>(Weight will vary by configuration. Does not include power adapter.)</i>
Weight (imperial)	Starting at 3.83 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, taps enabled as default
Sensors	HP Sure Platform; Thermal sensor; HP Tamper Lock; Hall effect sensor ^[12,44]
Integrated Camera	FHD camera with integrated dual array microphones
External I/O Ports	1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 nano security lock slot; 2 USB Type-A 5Gbps signaling rate (powered); 2 USB Type-C® 20Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4) ^[14] <i>(HDMI cable sold separately.)</i>
Network Interface	Realtek RTL8111HSH-CG GbE
Wireless Technologies	MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 6.0 wireless card
Power Supply Required	HP 65 W USB Type-C® GaN power adapter ^[20]
Battery Type	HP Long Life 3-cell, 56 Wh Li-ion
Sustainability Specifications	At least 25% recycled metal; Product Carbon Footprint; HP paper-based packaging is from recycled or certified sources; At least 30% post-consumer recycled plastic; At least 30% ocean-bound plastic; Low halogen; Bulk packaging available; External power supply 90% efficiency
UPC Number	826581032120
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

Sleeves

HP Protective 15-16-inch Laptop Sleeve	C40BPUT
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Backpacks

HP Everyday 16-inch Laptop Backpack	A08KLUT
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Topload Bags

HP Renew Business 17.3-inch Laptop Bag	3E2U6AA
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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] 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.

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

[5] 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.

[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.

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.

[12] LPWAN (also called Mobile Narrowband) supports HP Protect & Trace with Wolf Connect service through the subscription term, but does not support mobile broadband use.

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

[14] USB 20Gbps signaling rate is not available with Thunderbolt™ 4. Actual throughput may vary.

[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.

[20] Availability may vary by country.

[44] HP Tamper Lock can be Enabled/disabled by customers or IT administrator with administrator authority.

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