

Surface Laptop for Business

Copilot+ PC powered by Intel Core® Ultra processors (Series 2)

Insight 

Premium experiences drive AI advantage.

Elevate productivity with a user-focused design, powerful processing, and innovative on-device AI in a Copilot+ PC¹ available in 13.8" and 15" sizes.

Elevate productivity.

Slim chassis, stunning display, and intuitive interactions make the most of Copilot today and tomorrow.

AI performance built in.

Move at the speed of opportunity with local AI processing, Intel® Core™ Ultra processors (Series 2), fast charging capabilities,² and long-lasting battery life.³

Adopt AI with peace of mind.

Microsoft® security at every layer protects your business, including Windows Hello® for Business, Windows® 11 Pro security, and Microsoft Pluton™ for enterprise-grade security.



Intel Core Ultra processors (Series 2) deliver speed and efficiency up to 48 TOPS from the NPU to support today's features and tomorrow's innovations.⁴

Work brilliantly on a stunning PixelSense® Flow touch screen with HDR⁵ and adaptive color.

Signature Surface® typing experience with Copilot key for one-touch access to Copilot.⁶

Two USB-C® with USB4®/Thunderbolt™ 4 ports enable fast data transfer and support up to two 4K monitors at 60Hz with compatible docks. Keep employees connected with high-speed Wi-Fi 7⁷ and resilient Bluetooth® Core 5.4.

Safeguard data from unauthorized access with TPM 2.0 hardware-level encryption, Windows Hello for Business with facial recognition and Enhanced Sign-In Security (ESS), optional smart card reader,⁸ and built-in BitLocker® drive encryption.

Near-edgeless display and Surface's signature 3:2 ratio deliver more screen in a compact footprint.

Gain peace of mind with Secured-core PCs featuring Windows 11 Pro security enabled by default.

Enhance collaboration with the 1080p Surface Studio Camera and AI-driven Windows Studio Effects.⁹

Antireflective technology reduces reflections by up to 50% for improved visuals in varied lighting.



¹On some devices, Copilot+ PC experiences require free updates continuing to roll out through early 2025. Timing varies by device and region. See aka.ms/copilotpluspc. ²In select markets, only specific configurations come with Surface Power Supply. Fast charging is supported with minimum 65W Surface Power Supply or minimum 60W USB Type-C PD charger or higher, sold separately. Testing conducted by Microsoft in December 2024. For details on fast charging see [USB-C and fast charging for Surface — Microsoft Support](https://aka.ms/usb-c-and-fast-charging-for-surface). ³Based on local video playback test. Battery life varies significantly based on device configuration, usage, network and feature configuration, signal strength, settings, and other factors. See aka.ms/surfacebatteryperformance for details. ⁴Intel AI Boost with 48 TOPS on Intel Core Ultra 7 processor 266V and Intel Core Ultra 7 processor 268V. ⁵HDR requires HDR content and enabling HDR in device settings. ⁶Copilot key feature availability varies by market, see aka.ms/keysupport. ⁷6 GHz band not available in all regions. ⁸Integrated smart card reader available on select 15" models and in select markets. ⁹Videoconferencing apps and services sold separately.

Surface Laptop, Copilot+ PC (Intel)

Technical specs



Processor	Intel® Core™ Ultra 5 processor 236V Intel Core Ultra 5 processor 238V Intel Core Ultra 7 processor 266V Intel Core Ultra 7 processor 268V	
NPU	Intel AI Boost with 40 TOPS <ul style="list-style-type: none"> Intel Core Ultra 5 processor 236V Intel Core Ultra 5 processor 238V 	Intel AI Boost with 48 TOPS <ul style="list-style-type: none"> Intel Core Ultra 7 processor 266V Intel Core Ultra 7 processor 268V
Graphics	Intel Arc™ Graphics	
Memory and storage¹⁰	Memory options: 16GB, 32GB, LPDDR5x RAM Storage options: Removable ¹¹ solid-state drive (Gen 4 SSD) 256GB, 512GB, 1TB	
Ports and charging	Surface Laptop, Copilot+ PC (Intel) 13.8" 2 x USB-C® with USB4®/Thunderbolt™ 4 ports with support for: <ul style="list-style-type: none"> Charging Data transfer DisplayPort 2.1 supporting up to 2 x 4K monitors Surface® Thunderbolt 4 Dock and other accessories Supports fast charging with minimum 60W charger via Surface Connect or USB-C ¹² USB-A 3.1 3.5 mm headphone jack Surface Connect port	Surface Laptop, Copilot+ PC (Intel) 15" 2 x USB-C with USB4/Thunderbolt 4 with support for: <ul style="list-style-type: none"> Charging Data transfer DisplayPort 2.1 supporting up to 2 x 4K monitors Surface Thunderbolt 4 Dock and other accessories Supports fast charging with minimum 60W charger via Surface Connect or USB-C ¹³ USB-A 3.1 MicroSDXC Express card reader ¹⁴ 3.5 mm headphone jack Surface Connect port Integrated smart card reader (available on select 15" models and in select markets)
Security	Enterprise-grade security with TPM 2.0 chip and BitLocker® support Windows® 11 Secured-core PC Microsoft Pluton™ technology Windows Hello® for Business with facial recognition and ESS Integrated smart card reader (available on select 15" models and in select markets)	
Network and connectivity	Wi-Fi 7 ¹⁵ Bluetooth® Core 5.4 technology	
Battery life	Up to 22 hours of local video playback (15") ¹⁶	
Cameras	1080p full HD front-facing Surface Studio Camera Supports Windows Studio Effects and Windows Hello for Business with facial recognition	
Software	Windows 11 Pro Preloaded Microsoft 365® Apps ¹⁷ Microsoft® 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial ¹⁸	
Size and weight	Surface Laptop, Copilot+ PC (Intel) 13.8" 11.85" x 8.67" x 0.69" (301 mm x 220 mm x 17.5 mm) 2.97 lbs. (1.35 kg)	Surface Laptop, Copilot+ PC (Intel) 15" 12.96" x 9.41" x 0.72" (329 mm x 239 mm x 18.26 mm) 3.66 lbs. (1.66 kg) 3.64 lbs. (1.65 kg) with smart card reader
Sensors	Ambient color sensor	
What's in the box	Surface Laptop, Copilot+ PC (Intel) 13.8" or 15" Power Supply (in select markets, available only with specific configurations) <ul style="list-style-type: none"> 13.8" 39W 15" 65W Quick Start Guide Safety and warranty documents	

¹⁰Solid State Drive (SSD) Retention is only available on Microsoft Surface devices in which the SSD is marketed as removable per the Technical Specifications. SSD Retention is included in both Extended Hardware Service Plus and Microsoft Complete for Business Plus and is also available as an Optional Add-on when purchasing Microsoft Extended Hardware Service and Microsoft Complete for Business. Devices returned to Microsoft with a missing SSD are subject to an SSD replacement fee unless the device is enrolled in the SSD Retention offer. ¹¹Ibid. ¹²In select markets, only specific configurations come with Surface Power Supply. Fast charging is supported with minimum 65W Surface Power Supply or minimum 60W USB Type-C PD charger or higher, sold separately. Testing conducted by Microsoft in December 2024. For details on fast charging see [USB-C and fast charging for Surface — Microsoft Support](#). ¹³Ibid. ¹⁴MicroSDXC Express card reader on 15" models only. ¹⁵6 GHz band not available in all regions. ¹⁶Based on local video playback test. Testing conducted by Microsoft in January 2025 using preproduction software and preproduction Surface Laptop 13.8" Intel Core Ultra 5 256GB, 16GB RAM devices, and Surface Laptop 15" Intel Core Ultra 7 256GB, 16GB RAM devices. Testing consisted of full battery discharge during video playback of a .mov file through the Windows Media Player application in 1080p at 24 FPS. All settings were default except screen brightness set to 150 nits with auto-brightness disabled. Wi-Fi was connected to a network. Battery life varies significantly with settings, usage, and other factors. ¹⁷Sold separately. ¹⁸Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. After 30 days, you will be charged the applicable monthly or annual subscription fee. Credit card required. Cancel any time to stop future charges. See [aka.ms/m365businesstrialinfo](#).



Surface Laptop, Copilot+ PC (Intel)

Technical specs (cont.)



Display	Surface Laptop, Copilot+ PC (Intel) 13.8" Touch screen: 13.8" PixelSense® Flow display Resolution: 2304 x 1536 (201 PPI) Aspect ratio: 3:2 Contrast ratio: 1300:1 Dynamic refresh rate up to 120Hz Color profile: sRGB and Vivid Individually color-calibrated display Adaptive color Auto color management Touch: 10-point multi-touch Dolby Vision IQ™ support ¹⁹ Corning® Gorilla® Glass 5 Antireflective, ISO 9241-307 certified ²⁰ Brightness: <ul style="list-style-type: none"> • SDR: 600 nits maximum (typical) • HDR:²¹ 600 nits peak luminance 	Surface Laptop, Copilot+ PC (Intel) 15" Touch screen: 15" PixelSense Flow display Resolution: 2496 x 1664 (201 PPI) Aspect ratio: 3:2 Contrast ratio: 1300:1 Dynamic refresh rate up to 120Hz Color profile: sRGB and Vivid Individually color-calibrated display Adaptive color Auto color management Touch: 10-point multi-touch Dolby Vision IQ support ²² Corning Gorilla Glass 5 Antireflective, ISO 9241-307 certified ²³ Brightness: <ul style="list-style-type: none"> • SDR: 600 nits maximum (typical) • HDR:²⁴ 600 nits peak luminance 	Replaceable components include: ²⁸ <ul style="list-style-type: none"> • Display assembly (including camera) • Keyboard assembly (including touchpad) • Removable solid-state drive • Battery • Motherboard module (including main processor and main memory) • Surface Connect • Audio jack • MicroSDXC Express card reader (15") • Speakers • Enclosure (bucket) • Thermal module • Feet • Fan
	Activation: Moving (mechanical) keys Layout: QWERTY, full row of function keys (F1–F12) Windows key and dedicated buttons for media controls, screen brightness Keyboard backlight Copilot key ²⁵ Precision haptic touchpad	Serviceability	
Keyboard layout	Surface precision haptic touchpad with adjustable click sensitivity, right click area, and adaptive touch mode ²⁹ Compatible with Surface Adaptive Kit and Microsoft adaptive accessories Includes Windows accessibility features — Learn more Discover more Microsoft accessible devices and products	Accessibility	Exterior
Audio	Dual Studio Mics with voice focus ²⁶ Omnisonic® Speakers with Dolby Atmos ²⁷ Support for Bluetooth LE Audio	Casing: Anodized aluminum Colors: ³⁰ Platinum and Black	Warranty³¹
	Designed with sustainability in mind Materials <ul style="list-style-type: none"> • Enclosure is made with a minimum of 67.6% recycled content, including 100% recycled aluminum alloy and 100% recycled rare earth metals³² • Paper-based packaging, minimizing plastic use Repairability Clear visual icons and built-in access to repair instructions ³³ Surface Trade-in We make trade-in convenient and secure for our commercial customers in the USA at Microsoft Trade In Program . Microsoft set a goal to be carbon negative, water positive, and achieve zero waste by 2030. Learn more about how we design with sustainability in mind at Microsoft Surface Sustainability .	Sustainability	

¹⁹Requires Dolby Vision encoded content and video. ²⁰The Surface Laptop (Intel) 7th Edition display has been designed to minimize unwanted reflections and has been certified by TÜV SÜD to meet the requirements of ISO 9241-307. ²¹HDR requires HDR content and enabling HDR in device settings. ²²Requires Dolby Vision encoded content and video. ²³The Surface Laptop (Intel) 7th Edition display has been designed to minimize unwanted reflections and has been certified by TÜV SÜD to meet the requirements of ISO 9241-307. ²⁴HDR requires HDR content and enabling HDR in device settings. ²⁵Copilot key feature availability varies by market, see [aka.ms/keysupport](#). ²⁶Voice focus requires activation, requires Windows 11, and is available in apps that use integrated device microphones and certain Windows audio processing modes. ²⁷Requires Dolby Atmos encoded content/audio. ²⁸Replacement components available through Surface Commercial authorized device resellers. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Microsoft tools (sold separately) may also be required. Availability of replacement components and service options may vary by product, market, and over time. See [Surface service options — Surface | Microsoft Learn](#). Opening and/or repairing your device can present electric shock, fire, and personal injury risks and other hazards. Use caution if undertaking do-it-yourself repairs. Unless required by law, device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. ²⁹Requires Windows 11. ³⁰Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration. ³¹Microsoft's Limited Warranty is in addition to your consumer law rights. ³²Enclosure includes A Cover and C Bucket. 100% recycled aluminum alloy in A Cover and C Bucket. 100% recycled rare earth metals in magnets. Based on validation performed by Underwriter Laboratories, Inc. using Environmental Claim Validation Procedure (ECVP) for Recycled Content, dated June 20, 2024. ³³Replacement components available through Surface Commercial authorized device resellers. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. Microsoft tools (sold separately) may also be required. Availability of replacement components and service options may vary by product, market, and over time. See [Surface service options — Surface | Microsoft Learn](#). Opening and/or repairing your device can present electric shock, fire, and personal injury risks and other hazards. Use caution if undertaking do-it-yourself repairs. Unless required by law, device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans.

