Surface Laptop 6
Power and design in an AI PC, built for business workloads

Surface Laptop 6 elevates business with an elite level of performance, power, and sleek design. Built for demanding workloads, Surface Laptop 6 unleashes a new era of productivity through the power of the Intel® Core™ Ultra processor H-series. With Surface Laptop, employees get the benefits of an AI PC that accelerates Microsoft Copilot® experiences and offers integrated AI engines that enable the next wave of business features.

Windows 11 Pro

- Intel® Core™ Ultra processor H-series with up to 2x faster performance^{4}
- Anti-reflective technology reduces reflections by up to 50%, to make it easier to see what’s on screen in bright light and even outdoors
- New Copilot key^{4} for quick access to Copilot in Windows 11 Pro*
- Simplified repairs and replaceable parts including the motherboard and battery^{7}
- Optional integrated smart card reader on select models in select markets^{5}
- Up to 19 hours of battery life^{2} and supported fast charging^{1}

Relentless power for demanding workloads
Fuel productivity through a full workday with power and performance designed to keep pace with business.

A sleek and durable Microsoft design
Surface Laptop 6 will surpass expectations: meticulously crafted, designed for longevity, and featuring collaborative tools and AI-driven features.

Productivity realized with Microsoft Copilot*
Experience Copilot in Windows 11 Pro* and Microsoft Copilot for Microsoft 365^{1} in ways only Surface can create, with detailed support for inclusive styles of work.

Multi-layered security and manageability
Windows 11’s industry-leading security safeguards sensitive data, and remote management provides protection at every layer—hardware, firmware, application, cloud, and identity.

Microsoft 365 | Microsoft

-elligible Microsoft 365 license
- Experience Copilot in Windows 11 Pro* and Microsoft Copilot for Microsoft 365^{1}
- Windows 11 Pro AI experiences, intelligent workflows, and unmatched personalization
- Multitasking with Surface Laptop 6 and Windows 11 Pro AI experiences, intelligent workflows, and unmatched personalization
- Secured-core PC designed to elevate the benefits of Windows 11 security
- Windows 11's industry-leading security safeguards sensitive data, and remote management provides protection at every layer—hardware, firmware, application, cloud, and identity.

- Relentless power for demanding workloads
- Fuel productivity through a full workday with power and performance designed to keep pace with business.
- A sleek and durable Microsoft design
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Scientifically tested:
- Battery life varies significantly based on usage, network and system settings, content consumption patterns, and other factors. The device was powered by an Entra power supply or USB-C PD charger under controlled conditions. The device was powered by a battery with 50% charge at the start of the test. Battery life was measured on pre-production Surface Laptop 6 using the 3DMark TimeSpy benchmark measuring graphic performance compared to Surface Laptop 5. *Benchmark measuring graphic performance compared to Surface Laptop 5.
- Battery life varies significantly based on usage, network and system settings, content consumption patterns, and other factors. The device was powered by an Entra power supply or USB-C PD charger under controlled conditions. The device was powered by a battery with 50% charge at the start of the test. Battery life was measured on pre-production Surface Laptop 6 using the 3DMark TimeSpy benchmark measuring graphic performance compared to Surface Laptop 5. *Benchmark measuring graphic performance compared to Surface Laptop 5.

Surface Laptop 6 comes with a 39 W Surface power supply. Fast charging (from 5% to 80%) is supported with a minimum 45W Surface power supply or USB-C PD charger, sold separately. Testing was conducted at Microsoft in February 2024, using pre-production Surface Laptop 6 components and service options. NewCopilot for Windows 11 Pro is available in select global markets and will be rolled out to additional markets over time. Experience Copilot in Windows 11 Pro* and Microsoft Copilot for Microsoft 365^{1} in ways only Surface can create, with detailed support for inclusive styles of work. Multi-layered security and manageability Windows 11’s industry-leading security safeguards sensitive data, and remote management provides protection at every layer—hardware, firmware, application, cloud, and identity.
PROCESSOR
Intel® Core™ i5 10th gen processor 10th gen (10th gen) i7 10th gen processor
i5 11th gen
i7 11th gen
i9 11th gen

MEMORY AND STORAGE
Memory options:
8GB LPDDR5 RAM, 16GB, 32GB or 64GB LPDDR5 RAM

Storage options:
Removable/solid-state drive (Gan 4 SSD): 256GB, 512GB, 1TB

SECURITY
Hardware TPM 2.0 chip for enterprise-grade security and BitLocker support
Windows Hello facial recognition with Enhanced Sign-in Security
Integrated smart card reader authentication (available on select models and markets)
Windows 11 Secure-core PC

PORTS AND CHARGING
Surface Laptop 6 13.5”:
- USB-C® with USB4™/Thunderbolt™ 4 with support for:
  - DisplayPort
  - Data transfer
  - DisplayPort with support up to 18k monitor
- Supports fast charging with minimum 45W power supply via
  Surface Connect or USB-C

USB-A 3.1
3.5 mm headset jack
Surface Connect port

Surface Laptop 6 15.0”:
- 2 x USB-C® with USB4™/Thunderbolt™ 4 with support for:
  - Charging
  - DisplayPort
  - Data transfer
  - DisplayPort with support up to 18k monitor
- Supports fast charging with minimum 45W power supply via
  Surface Connect or USB-C

USB-A 3.1
3.5 mm headset jack
Surface Connect port

Integrated smart card reader (available on select models and markets)

BATTERY LIFE
Surface Laptop 6 13.5”:
- Up to 16.5 hours of typical device usage
- Surface Laptop 6 15.0”:
- Up to 19.0 hours of typical device usage

CAMERAS
Full HD front-facing Surface Studio Camera
1080p Full HD camera
Windows Studio Effects with automatic framing, eye contact, and background blur
Windows Hello face authentication camera

SIZE AND WEIGHT
Surface Laptop 6 13.5”:
- Length: 12.1 inch (308 mm)
- Width: 8.8 inch (223 mm)
- Height: 0.66 inch (16.7 mm)
- Weight: 3.0 lbs (1.36 kg)
- With smart card reader: 3.71 lbs (1.68 kg)

Surface Laptop 6 15.0”:
- Length: 13.4 inch (340 mm)
- Width: 9.6 inch (244 mm)
- Height: 0.67 inch (16.9 mm)
- Weight: 3.70 lbs (1.68 kg)

SOFTWARE
Windows 11 Pro or Windows 10 Pro®
Preloaded Microsoft 365 Apps®
Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial®

KEYBOARD LAYOUT
Activation: Moving keys
Layout: QWERTY, full row of function keys (F1 – F12)
Windows key and dedicated buttons for media controls
Keyboard backlight
Copolit key®

TOUCHPAD

AUDIO
Dual Studio Mics with voice focus®
Omni-mic Speakers with Dolby® Atmos®
Support for Bluetooth® LE Audio

DISPLAY
Surface Laptop 6 13.5”:
- Touchscreen: 15.5” PixelSense Display
- Resolution: 2526 x 1604 (201 PPI)
- Aspect ratio: 3:2
- Contrast ratio: 1300:1
- Color profile: sRGB, and Enhanced Individual color-calibrated display
- Adaptive color
touch
- Touch: 10-point multi-touch
- Dolby Vision IQ™ support
- Comming: 4G®/Gallia® Glass 5
- Anti-reflective
- Brightness: SDR 400 nits maximum (typical)

Surface Laptop 6 15.0”:
- Touchscreen: 15” PixelSense Display
- Resolution: 2496 x 1664 (201 PPI)
- Aspect ratio: 3:2
- Contrast ratio: 1300:1
- Color profile: sRGB, and Enhanced Individual color-calibrated display
- Adaptive color
touch
- Touch: 10-point multi-touch
- Dolby Vision IQ™ support
- Comming: 4G®/Gallia® Glass 5
- Anti-reflective
- Brightness: SDR 400 nits maximum (typical)

SERVICEABILITY
Replacement components:
- Display assembly (including camera)
- Keyboard assembly
- Removable solid-state drive
- Battery
- Motherboard module (main processor and main memory)
- Surface Connect
- Thermal module
- Audio jack
- Speakers
- Touchpad
- Enclosure
- Feet

ACCESSIBILITY
Compatible with Surface Assist Kit
Compatible with Microsoft Adaptive Accessories
Include: Windows Accessibility Features
Learn more Accessibility Features
Microsoft Accessibility
Discover more Microsoft Accessible Devices
– Accessible Devices & Products
– For PC & Gaming
– Assistive Tech Accessories
– Microsoft Store

SENSORS
Ambient light sensor

WHAT’S IN THE BOX
Surface Laptop 6 13.5” or 15.0”
- Power Supply: 135W 3.0V

50W
Quick Start Guide
Safety and warranty documents

BATTERY CAPACITIES
Battery Capacity Nominal (WH-47)
Battery Capacity Min (WH-46)

EXTERIOR
Casing: Anodized aluminum
Colors:® Platinum or Black

SUSTAINABILITY
More recycled materials
Enclosure is made with a minimum of 25.6% recycled content, including: 100% recycled aluminum alloy and 100% recycled rare earth metals®

More energy efficient
ENERGY STAR® certified

More repairable
More replaceable components than Surface Laptop 5. Built in QR code provides convenient access to instructions.

Surface trade-in
We make trade-in and secure for our commercial customers in the USA at Microsoft Trade in Program

Microsoft is committed to be carbon negative, water positive, and achieve zero waste by 2030. Learn more about how we design with sustainability in mind:
Sustainable Products & Solutions | Microsoft CSG
Microsoft Surface Sustainability - Microsoft Sustainability

WARRANTY
1-year limited hardware warranty

PEN AND ACCESSORIES COMPATIBILITY
Supports Microsoft Pen Protocol (MPP)

NETWORK AND CONNECTIVITY
Wi-Fi 6E: 802.11ax compatible®
Bluetooth® Wireless 5.3 technology

GRAPHICS
8GB memory: Intel® Graphics
16GB, 32GB or 64GB memory: Intel® Xe Graphics

Surface Laptop 6 comes with 39 W Surface power supply. Fast charging (from 5% to 80%) is supported with minimum 45W Surface power supply and USB-C® charger. See www.displayport.org for more information. DP 1.4 requires DP 1.4 or DP 1.2 supporting DP 1.4. DP 1.4 is backwards compatible with DP 1.2 and DP 1.1. Power delivery up to 75W (3A at 24V) is supported by DP 1.4. Power delivery is enabled in the DP 1.4+ mode and not DP 1.4. Only Power Delivery (PD) capable sources are supported by DP 1.4+ mode. DP 1.4+ is backwards compatible with DP 1.4. Additional information about DP 1.4+ can be found at www.displayport.org. DP 2.0 requires DP 2.0 or DP 1.4 supporting DP 2.0. DP 2.0 is backwards compatible with DP 1.4 and DP 1.2. Only Power Delivery (PD) capable sources are supported by DP 2.0. Additional information about DP 2.0 can be found at www.displayport.org. DP 4 requires DP 4 or DP 3 supporting DP 4. DP 4 is backwards compatible with DP 3 and DP 2. Only Power Delivery (PD) capable sources are supported by DP 4. Additional information about DP 4 can be found at www.displayport.org. DP 4 requires DP 4 or DP 3 supporting DP 4. DP 4 is backwards compatible with DP 3 and DP 2. Only Power Delivery (PD) capable sources are supported by DP 4. Additional information about DP 4 can be found at www.displayport.org. DP 2.1 requires DP 2.1 or DP 1.4 supporting DP 2.1. DP 2.1 is backwards compatible with DP 1.4 and DP 1.2. Only Power Delivery (PD) capable sources are supported by DP 2.1. Additional information about DP 2.1 can be found at www.displayport.org. DP 3 requires DP 3 or DP 2 supporting DP 3. DP 3 is backwards compatible with DP 2. Only Power Delivery (PD) capable sources are supported by DP 3. Additional information about DP 3 can be found at www.displayport.org. DP 4.1 requires DP 4.1 or DP 3 supporting DP 4.1. DP 4.1 is backwards compatible with DP 3 and DP 2. Only Power Delivery (PD) capable sources are supported by DP 4.1. Additional information about DP 4.1 can be found at www.displayport.org. DP 4.2 requires DP 4.2 or DP 3 supporting DP 4.2. DP 4.2 is backwards compatible with DP 3 and DP 2. Only Power Delivery (PD) capable sources are supported by DP 4.2. Additional information about DP 4.2 can be found at www.displayport.org. DP 4.3 requires DP 4.3 or DP 3 supporting DP 4.3. DP 4.3 is backwards compatible with DP 3 and DP 2. Only Power Delivery (PD) capable sources are supported by DP 4.3. Additional information about DP 4.3 can be found at www.displayport.org.