Microsoft Surface

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

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.

Up to 19 hours of battery life[2] and supported fast charging[3]

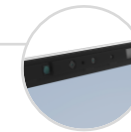Intel® Core™ Ultra processor H-series with up to 2x faster performance[4]

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

Optional integrated smart card reader on select models in select markets[5]

New Copilot key[6] for quick access to Copilot in Windows 11 Pro*

AI-enhanced 1080p HD Studio Camera with Windows Studio Effects

Secured-core PC designed to elevate the benefits of Windows 11 security

Multitasking with Surface Laptop 6 and Windows 11 Pro AI experiences, intelligent workflows, and unmatched personalization

Simplified repairs and replaceable parts including the motherboard and battery[7]

Omnisonic® Speakers with Dolby® Atmos®[8] and dual Studio Mics with voice focus[9]

PROCESSOR

Intel® Core™ Ultra 5 processor 135H
Intel® Core™ Ultra 7 processor 165H
NPU: Intel® AI Boost

MEMORY AND STORAGE[1]

Memory options:
8GB LPDDR5 RAM, 16GB, 32GB or 64GB LPDDR5x RAM

Storage options:
Removable[2] solid-state drive (Gen 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)[3]
Windows 11 Secured-core PC

PORTS AND CHARGING

Surface Laptop 6 13.5":
USB-C® with USB4®/Thunderbolt™ 4 with support for:
Charging
Data transfer
DisplayPort 2.1 with support up to 1 x 8K monitor*
Supports fast charging with minimum 45W power supply via
Surface Connect or USB-C[4]
USB-A 3.1
3.5 mm headset jack
Surface Connect port

Surface Laptop 6 15":
2 x USB-C® with USB4®/Thunderbolt™ 4 with support for:
Charging
Data transfer
DisplayPort 2.1 with support up to 1 x 8K monitor*
Supports fast charging with minimum 45W power supply via
 Surface Connect or USB-C[4]
USB-A 3.1
3.5 mm headset jack
Surface Connect port
Integrated smart card reader (available on select models
and markets)[3]

BATTERY LIFE[5]

Surface Laptop 6 13.5":
Up to 18.5 hours of typical device usage[6]

Surface Laptop 6 15":
Up to 19 hours of typical device usage[7]

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[8]

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: 3.06 lbs (1.38 kg)

Surface Laptop 6 15":
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)
With smart card reader:[3] 3.71 lbs (1.68 kg)

SOFTWARE

Windows 11 Pro or Windows 10 Pro[9]
Preloaded Microsoft 365 Apps[10]
Microsoft 365 Business Standard, Microsoft 365 Business
Premium, or Microsoft 365 Apps 30-day trial[11]

KEYBOARD LAYOUT

Activation: Moving keys
Layout: QWERTY, full row of function keys (F1 – F12)
Windows key and dedicated buttons for media controls,
screen brightness
Keyboard backlight
Copilot key[12]
Touchpad

AUDIO

Dual Studio Mics with voice focus[13]
Omnisonic® Speakers with Dolby® Atmos®[14]
Support for Bluetooth® LE Audio

DISPLAY

Surface Laptop 6 13.5":
Touchscreen: 13.5" PixelSense™ Display
Resolution: 2256 x 1504 (201 PPI)
Aspect ratio: 3:2
Contrast ratio 1300:1
Color profile: sRGB, and Enhanced
Individually color-calibrated display
Adaptive color
Touch: 10-point multi-touch
Dolby Vision IQ™[15] support
Corning® Gorilla® Glass 5
Anti-reflective
Brightness: SDR 400 nits maximum (typical)

Surface Laptop 6 15":
Touchscreen: 15" PixelSense™ Display
Resolution: 2496 x 1664 (201 PPI)
Aspect ratio: 3:2
Contrast ratio 1300:1
Color profile: sRGB, and Enhanced
Individually color-calibrated display
Adaptive color
Touch: 10-point multi-touch
Dolby Vision IQ™[15] support
Corning® Gorilla® Glass 5
Anti-reflective
Brightness: SDR 400 nits maximum (typical)

SERVICEABILITY

Replacement components:[16]
• 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 Adaptive Kit
Compatible with Microsoft Adaptive Accessories
Includes Windows Accessibility Features – learn more
[Accessibility Features | Microsoft Accessibility](#)
Discover more Microsoft Accessible Devices & Products –
[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"
Power Supply:
13.5": 39W
15": 65W
Quick Start Guide
Safety and warranty documents

BATTERY CAPACITIES[6,7]

Battery Capacity Nominal (WH) 47
Battery Capacity Min (WH) 46

EXTERIOR

Casing: Anodized aluminum
Colors:[17] Platinum or Black

SUSTAINABILITY

More recycled materials
Enclosure is made with a minimum of 25.8% recycled
content, including 100% recycled aluminum alloy and 100%
recycled rare earth metals[18]

More energy efficient
ENERGY STAR® certified

More repairable
More replaceable components than Surface Laptop 5. Built-
in QR code provides convenient access to instructions.[16]

Surface Trade-in

We make trade-in convenient 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 CSR](#)
[Microsoft Surface Sustainability - Microsoft Sustainability](#)

WARRANTY[19]

1-year limited hardware warranty

PEN AND ACCESSORIES COMPATIBILITY

Supports Microsoft Pen Protocol (MPP)

NETWORK AND CONNECTIVITY

Wi-Fi 6E: 802.11ax compatible[20]
Bluetooth® Wireless 5.3 technology

GRAPHICS

8GB memory: Intel® Graphics
16GB, 32GB or 64GB memory: Intel® Arc™ Graphics