Microsoft Surface

Surface Laptop 6
Integrated with a FIPS 201 Compliant Smart Card Reader

Surface Laptop 6 delivers performance and power in a TAA-compliant device with the technical specifications government agencies need to meet rigorous security standards.

TAA COMPLIANT

Relentless power for demanding workloads

Fuel productivity throughout the workday with power and performance designed to keep pace with the demands of your agency.

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[1]

Experience Copilot in Windows 11 Pro[1] and Microsoft Copilot for Microsoft 365[2] in ways only Surface can create, with detailed support for inclusive work styles.

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.

Windows 11 Pro

FIPS-validated TPM 2.0 to easily encrypt your data in an isolated environment

Simplified repairs and replaceable parts including the motherboard and battery[3]

Anti-reflective touchscreen display that reduces reflections by up to 50%

New Copilot key[4] for quick access to Copilot in Windows 11 Pro[1]

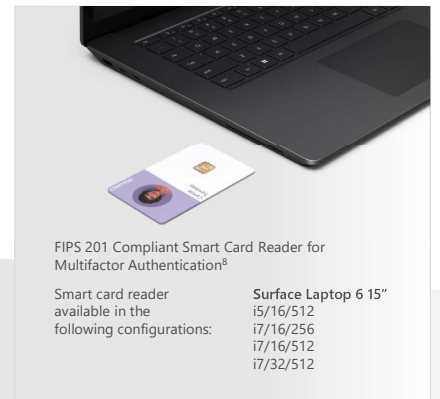AI-enhanced 1080p HD Studio Camera with Windows Studio Effects

Up to 19 hours of battery life[5] and support for fast charging[6]

Improved productivity with Surface Laptop 6 and Windows 11 Pro AI experiences

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

intel CORE ULTRA

Intel® Core™ Ultra processor H-series with up to 2x faster performance[7]

FIPS 201 Compliant Smart Card Reader for Multifactor Authentication[8]

Smart card reader available in the following configurations:

Surface Laptop 6 15"
i5/16/512
i7/16/256
i7/16/512
i7/32/512

Microsoft Surface | Surface Laptop 6

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 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®
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 15":
Up to 19 hours of typical device usage[6]

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[7]

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[8]
Preloaded Microsoft 365 Apps[9]
Microsoft 365 Business Standard, Microsoft 365 Business
Premium, or Microsoft 365 Apps 30-day trial[10]

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[11]
Touchpad

AUDIO

Dual Studio Mics with voice focus[12]
Omnisonic® Speakers with Dolby® Atmos®[13]
Support for Bluetooth® LE Audio

DISPLAY

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™[14] support
Corning® Gorilla® Glass 5
Anti-reflective
Brightness: SDR 400 nits maximum (typical)

SERVICEABILITY

Replacement components:[15]
• 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 15"
Power Supply: 65W
Quick Start Guide
Safety and warranty documents

BATTERY CAPACITIES[7]

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

EXTERIOR

Casing: Anodized aluminum
Colors:[16] 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[17]

More energy efficient
ENERGY STAR® certified

More repairable

More replaceable components than Surface Laptop 5.
Built-in QR code provides convenient access to
instructions.[15]

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[18]

1-year limited hardware warranty

PEN AND ACCESSORIES COMPATIBILITY

Supports Microsoft Pen Protocol (MPP)

NETWORK AND CONNECTIVITY

Wi-Fi 6E: 802.11ax compatible[19]
Bluetooth® Wireless 5.3 technology

GRAPHICS

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