Microsoft Surface Laptop 5

Super powered for serious work

When your team's work speaks for itself, things can get loud. With lightning-fast performance, sleek portability, true-to-life video calls, PixelSense™ touchscreen display, and built-in security, Microsoft Surface Laptop 5 enables your team to do what it does best: Deliver impact with speed and performance.

BENEFITS

Feel like you're face-to-face with clients and coworkers in flattering, true-to-life video with great low-light capabilities.

Give IT peace of mind knowing that your company, customer, and employee data are safe and secure with Windows 11 Secured-core PC, featuring a removable hard drive for data retention.

Some days there's just no time to waste. Get back to work within seconds of opening the lid with Instant On. Plus, sign in securely with Windows Hello password-free sign-in.

Lighten camera

Enhanced camera experiences, powered by Windows 11

15" Aluminum casing in Platinum

Ultra-vivid colors with Dolby Vision®

Versatile Thunderbolt™ 4 connectivity

13.5" PixelSense™ touchscreen for ultra-portable productivity

13.5" with Alcantara® material palm rest

Microsoft Surface Laptop 5

Select SKUs
built on the Intel®
Evo™ Platform

15" with metal
palm rest

PROCESSOR

Surface Laptop Laptop 5 13.5"
12th Gen Intel® Core™
i5-1245U processor
12th Gen Intel® Core™
i7-1265U processor
Built on the Intel® Evo™ platform

Surface Laptop Laptop 5 15"
12th Gen Intel® Core™
i7-1265U processor
Built on the Intel® Evo™ platform

MEMORY AND STORAGE[3]

8GB, 16GB, or 32GB LPDDR5x RAM
Removable[2] solid-state drive (SSD)
Options: 256GB, 512GB, or 1TB

BATTERY LIFE[1]

Surface Laptop Laptop 5 13.5"
Up to 18 hours of typical device usage

Surface Laptop Laptop 5 15"
Up to 17 hours of typical device usage

PORTS

1 x USB-C® with USB
4.0/Thunderbolt™ 4
1 x USB-A 3.1
3.5 mm headphone jack
1 x Surface Connect port

CAMERAS

Windows Hello Face
Authentication camera
720p HD front facing camera

DISPLAY

Surface Laptop 5 13.5"
Screen: 13.5" PixelSense™ Display
Resolution: 2256 x 1504 (201 PPI)
Aspect ratio: 3:2
Contrast ratio 1300:1
Color profile: sRGB, and Vivid
Individually color-calibrated display
Dolby Vision IQ™[5] support
Touch: 10-point multi-touch
Gorilla® Glass 3 display on laptop with
Alcantara® palm rest
Gorilla® Glass 5 display on laptop with
metal palm rest
Brightness: 400 nits maximum (typical). 5
nits minimum

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

AUDIO

Dual far-field Studio Mics

Omnisonic® Speakers with Dolby
®Atmos®[6]

Microsoft Surface Laptop 5

SECURITY

TPM 2.0 chip for enterprise-grade security and BitLocker support Enterprise-grade protection with Windows Hello face sign-in
Windows 11 Secured-core PC.

SIZE AND WEIGHT

Surface Laptop 5 13.5":
Length: 12.1 inch (308 mm)
Width: 8.8 inch (223 mm)
Height: .57 inch (14.5 mm)
Weight: Fabric 2.80 lbs (1,272 g)
Metal 2.86 lbs (1,297 g)

Surface Laptop 5 15":
Length: 13.4 inch (340 mm)
Width: 9.6 inch (244 mm)
Height: .58 inch (14.7 mm)
Weight: 3.44 lbs (1,560 g)

SOFTWARE

Windows 11 Pro or Windows 10 Pro
Preloaded Microsoft 365 Apps[2] Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial[7]

SERVICEABILITY[4]

Replaceable components include:
SSD
AB Cover module (display)
C Cover
Battery + Bucket
Motherboard
Charging Port (Surflink connector)
Thermal Module
Thermal pad and Desense tape
Feet

RADIO FREQUENCY (FRANCE ONLY)

1950
(Intel® 13.5" Alcantara® material) Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné. Le DAS maximal autorisé est de 1.0 W/kg pour le tronc

1951
(Intel® 13.5" Boîtier: Aluminum) Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné.
Le DAS maximal autorisé est de 1.0 W/kg pour le tronc

1979
(Intel® 15" Boîtier: Aluminum) Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné.
Le DAS maximal autorisé est de 1.0 W/kg pour le tronc

1953
(Intel® 15" Boîtier: Aluminum) Le débit d'absorption spécifique (DAS) local quantifie l'exposition de l'utilisateur aux ondes électromagnétiques de l'équipement concerné.
Le DAS maximal autorisé est de 0.38 W/kg pour le tronc

ACCESSIBILITY

Compatible with Microsoft Adaptive Kit
Include Windows Accessibility
Feature – Learn More
[Accessibility Features | Microsoft Accessibility](#)
Discover more Microsoft
Accessible Devices & Products
[Accessible Devices & Products for PC & Gaming | Assistive Tech](#)
[Accessories – Microsoft Store](#)

Microsoft Surface Laptop 5

ENERGY USAGE (JAPAN ONLY)

13.5" Surface Laptop Laptop 5, Intel
構成 ： 12区分 12.4kWh/年(AAA)
15" Surface Laptop Laptop 5, Intel
構成 ： 12区分 12.8kWh/年(AAA)

SENSORS

Ambient light sensor

WHAT'S IN THE BOX

Surface Laptop 5 13.5" and 15"
Power Supply
Quick Start Guide
Safety and warranty documents

BATTERY CAPACITIES

Battery Capacity Nominal (WH) 47.4
Battery Capacity Min (WH) 45.8

EXTERIOR

Casing: Aluminum
Power and Volume buttons on keyboard

Surface Laptop 5 13.5" colors[10]
Platinum with Alcantara® material palm rest
Sage with metal palm rest
Matte Black with metal palm rest
Sandstone with metal palm rest

Surface Laptop 5 15" colors[10]
Platinum with metal palm rest
Matte Black with metal palm rest

SUSTAINABILITY[8]

Meets ENERGY STAR® requirements
Registered EPEAT® Gold in the US and Canada[9]
Sustainable Products & Solutions | Microsoft CSR

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

WARRANTY[11]

1-year limited hardware warranty

PEN AND ACCESSORIES COMPATIBILITY

Designed for Surface Pen[6]
Supports Microsoft Pen
Protocol (MPP)

NETWORK AND CONNECTIVITY

Wi-Fi 6: 802.11ax compatible
Bluetooth® Wireless 5.1 technology

GRAPHICS

Intel® Iris® Xe Graphics

Microsoft Surface Laptop 5

Disclaimers

1. **Up to 18 hours of battery life based on typical Surface device usage on Surface Laptop 5 13.5"** Testing conducted by Microsoft in August 2022 using preproduction software and preproduction 13.5" Intel® Core™ i5, 256GB, 8GB RAM device. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing eight popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel, OneNote and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150 nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Tested with Windows Version 11.0.22621 (21H2). Battery life varies significantly with settings, usage and other factors. **Up to 17 hours of battery life based on typical Surface device usage on Surface Laptop 5 15"** Testing conducted by Microsoft in August 2022 using preproduction software and preproduction 15" Intel® Core™ i7, 256GB, 8GB RAM device. Testing consisted of full battery discharge with a mixture of active use and modern standby. The active use portion consists of (1) a web browsing test accessing eight popular websites over multiple open tabs, (2) a productivity test utilizing Microsoft Word, PowerPoint, Excel, OneNote and Outlook, and (3) a portion of time with the device in use with idle applications. All settings were default except screen brightness was set to 150 nits with Auto-Brightness disabled. Wi-Fi was connected to a network. Tested with Windows Version 11.0.22621 (21H2). Battery life varies significantly with settings, usage and other factors.
2. Sold separately. Software license required for some features. (Japan versions are pre-installed. Not a trial. Need to call it out in OS.)
3. System software uses significant storage space. Available storage is subject to change based on system software updates and apps usage. 1 GB = 1 billion bytes. 1 TB = 1,000 GB. See **Surface.com/Storage** for more details.
4. Customer Replaceable Units (CRUs) are components available for purchase through your Surface Commercial Authorized Device Reseller. Components can be replaced on-site by a skilled technician following Microsoft's Service Guide. 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. Device damage caused during repair will not be covered under Microsoft's Hardware Warranty or protection plans. Components will be available shortly after initial launch; timing of availability varies by component and market.
5. Requires Dolby Vision® encoded content and video.
6. Requires Dolby® Atmos® encoded content/audio.
7. Activation required. If your device is managed by your organization's IT department, contact your IT administrator for activation. If you activate your trial outside your organization, 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 **https://aka.ms/m365businesstrialinfo**.
8. Download the full Eco profile see – **https://aka.ms/ProX_EcoProfile**
9. For more information on registration in other markets check - **https://aka.ms/LaptopStudio_EPEAT**.
10. Colors available on selected models only. Available colors, sizes, finishes, and processors may vary by store, market, and configuration.
11. Microsoft's Limited Warranty is in addition to your consumer law rights.
    savoir plus.