

Windows Hello for Business with facial recognition and Enhanced Sign-In Security

# Surface Laptop for Business

Premium experiences drive Al advantage



Exceptional AI-enabled collaboration and Copilot+ PC1 productivity in a sleek laptop chassis featuring Intel® Core™ Ultra processors (Series 2)

> 5G on select models enables secure mobile productivity<sup>2</sup>



Precision haptic touchpad customizable for accessibility

# Available in 13.8" and 15"

# Elevate productivity

Slim chassis, stunning display, and intuitive interactions make the most of Copilot<sup>1</sup> today and tomorrow

Optional

smart card

reader<sup>16</sup>

- Stunning PixelSense<sup>™</sup> Flow touchscreen display with HDR technology<sup>3</sup>
- Al-enhanced 1080p Surface Studio Camera
- Dual Studio Mics featuring voice focus<sup>13</sup> and Omnisonic® Speakers with Dolby Atmos®14

# Performance and AI built in

Copilot+PC

NPUs delivering 40 or 48 TOPS of on-device Al performance to support today's capabilities and tomorrow's innovations<sup>5</sup>

> Move at the speed of opportunity with local AI processing and long-lasting battery life<sup>18</sup>

- Wi-Fi 7<sup>4</sup> and Bluetooth<sup>®</sup> Core 5.4 enabled
- Two USB-C<sup>®</sup> with USB4<sup>®</sup>/Thunderbolt<sup>™</sup> 4 ports and one USB-A port on all models
- Connect up to two 4K monitors<sup>17</sup>
- Supports fast charging<sup>21</sup> and up to 22 hours on a single charge<sup>18</sup>

# Anti-reflective technology reduces reflections up to 50%

MicroSDXC Express card reader on 15"

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

# Adopt AI with peace of mind

Microsoft security at every layer to protect your data and your business

- Microsoft-designed and delivered firmware including Surface UEFI for easier configurability and up-to-date threat protection
- Strong Windows 11 Pro security enabled by default
- Secured-core PC with hardware-based protection against firmware attacks and emerging threats
- Microsoft Pluton and TPM 2.0 for enterprise-grade security
- End-to-end supply chain security

aka.ms/SurfaceforBusiness

¹On some devices, Copilot+ PC experiences require free updates continuing to roll out through early 2025, Timing varies by device and region. See <a href="mailto:aka.ms/copilotpluspcs">aka.ms/copilotpluspcs</a>. ²Only on specific SKUs of Surface Laptop for Business 13.8-inch. Not available in all areas. Compatibility and performance depends on carrier network, plan and other factors. See carrier for details and pricing. ³HDR requires HDR content and enabling HDR in device settings. ⁴6GHz band not available in all regions. ¹Intel® Al Boost with 48 TOPS on Intel® Core® Ultra 7 processor 266V and Intel® Core® Ultra 8 processor 266V and Intel® Core® Ultra 8 processor 266V and Intel® Core® Ultra 9 processor 266V and Intel Windows audio processing modes. "Requires Dolby Atmos" encoded content/audio. "Integrated smart card reader available on select 15" models and in select markets. "With compatible docks. "Based 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. 21 In select markets, only specific configurations come with Surface Power Supply or 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.



# Surface Laptop 5G for Business

Premium experiences drive Al advantage anywhere



Exceptional AI-enabled collaboration and Copilot+ PC¹ productivity in a sleek laptop chassis featuring Intel® Core™ Ultra processors (Series 2)



Custom palm rest and multiantenna design supports reliable connectivity in a thin, light design

# **Elevate productivity**

Slim chassis, stunning display, and intuitive interactions make the most of Copilot<sup>1</sup> today and tomorrow

- Stunning PixelSense™ Flow touchscreen display with HDR technology<sup>3</sup>
- Al-enhanced 1080p Surface Studio Camera
- Dual Studio Mics featuring voice focus<sup>13</sup> and Omnisonic<sup>®</sup> Speakers with Dolby Atmos<sup>®14</sup>
- Precision haptic touchpad customizable for accessibility

Windows Hello for Business with facial recognition and Enhanced Sign-In Security



# Performance and AI built in

Move at the speed of opportunity with local AI processing and enterprise-ready 5G<sup>2</sup>

- Ultra-fast speeds, dynamic antenna switching, and custom-tuned Qualcomm modem performance
- Wi-Fi 7<sup>4</sup> and Bluetooth<sup>®</sup> Core 5.4 enabled
- Two USB-C<sup>®</sup> with USB4<sup>®</sup>/Thunderbolt<sup>™</sup> 4 ports and one USB-A port
- Delivers up to 20 hours of battery life on a single charge<sup>18</sup>

# Adopt AI with peace of mind

Microsoft security at every layer to protect your data and your business

- Microsoft-designed and delivered firmware including Surface UEFI for easier configurability and up-to-date threat protection
- eSIM support enables secure, scalable 5G provisioning and management<sup>8</sup>
- Secured-core PC with hardware-based protection against firmware attacks and emerging threats
- Microsoft Pluton and TPM 2.0 for enterprise-grade security

aka.ms/Surface-Laptop-5G-for-Business





# Surface Laptop for Business

# **PROCESSOR**

- Intel<sup>®</sup> Core<sup>™</sup> Ultra 5 processor 236V
- Intel<sup>®</sup> Core<sup>™</sup> Ultra 5 processor 238V
- Intel® Core™ Ultra 7 processor 266V
- Intel<sup>®</sup> Core<sup>™</sup> Ultra 7 processor 268V

# NPU

# Intel® AI Boost with 40 TOPS

- Intel® Core™ Ultra 5 processor 236V
- Intel<sup>®</sup> Core<sup>™</sup> Ultra 5 processor 238V

#### Intel® AI Boost with 48 TOPS

- Intel® Core™ Ultra 7 processor 266V
- Intel<sup>®</sup> Core<sup>™</sup> Ultra 7 processor 268V

# **GRAPHICS**

Intel® Arc™ Graphics

# MEMORY AND STORAGE<sup>27</sup>

Memory options: 16GB, 32GB LPDDR5x RAM

**Storage options:** Removable<sup>22</sup> solid-state drive (SSD Gen 4) 256GB, 512GB, 1TB

# **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 Enhanced Sign-In Security (ESS)
- Integrated smart card reader (available on select 15" models and in select markets)

# PORTS AND CHARGING

# Surface Laptop for Business 13.8"

- 2 x USB-C® with USB4®/Thunderbolt™
   4 ports with support for:
  - Charging
  - Data transfer
  - DisplayPort 2.1 supporting up to 2 x 4K monitors
  - Surface Thunderbolt<sup>™</sup> 4 Dock and other accessories
- Supports fast charging with minimum 60W charger via Surface Connect or USB-C<sup>®</sup>21
- USB-A 3.1
- 3.5 mm headphone jack
- Surface Connect port
- NanoSIM (Wi-Fi+5G only)

# Surface Laptop for Business 15"

- 2 x USB-C® with USB4®/Thunderbolt™
   4 with support for:
  - Charging
  - Data transfer
  - DisplayPort 2.1 supporting up to 2 x 4K monitors
  - Surface Thunderbolt<sup>™</sup> 4 Dock and other accessories
- Supports fast charging with minimum 60W charger via Surface Connect or USB-C®21
- USB-A 3.1
- MicroSDXC Express card reader
- 3.5 mm headphone jack
- Surface Connect port
- Integrated smart card reader (available on select 15" models and in select markets)

# **NETWORK AND CONNECTIVITY**

- Wi-Fi 7<sup>4</sup>
- Bluetooth® Core 5.4 technology

# Wi-Fi+5G model also includes:

- Location: GNSS L1, GPS, Galileo, BeiDou, QZSS and NAVIC support
- NanoSIM and eSIM support<sup>8</sup>
- Supports 5G<sup>2</sup>
- Cellular
  - 5G-NR SA/NSA, Release 16, DL 256 QAM up to 2.9 Gbps, 4x4 MIMO, UL 256 QAM
  - 4G Gigabit LTE Advanced Pro, Release 16, DL Cat 19 up to 1.6 Gbps, 256QAM, 4x4 MIMO, 5x DL CA, UL Cat 18, 256 QAM, Contiguous 2x ULCA
  - 5G-NR Bands: n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n71, n77, n78
  - LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 48, 66, 71
  - WCDMA Bands: 1, 2, 4, 5, 8

# **BATTERY LIFE**

# Surface Laptop for Business 13.8"

- Up to 20 hours of local video playback<sup>39</sup>
- Up to 12 hours of active web usage<sup>40</sup>

# Surface Laptop for Business 15"

- Up to 22 hours of local video playback<sup>39</sup>
- Up to 14 hours of active web usage<sup>40</sup>

# **CAMERA**

- 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<sup>7</sup>
- Microsoft 365 Business Standard, Microsoft 365 Business Premium, or Microsoft 365 Apps 30-day trial<sup>28</sup>

# SIZE AND WEIGHT<sup>30</sup>

# Surface Laptop for Business 13.8" (Wi-Fi only)

- 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 for Business 13.8" (Wi-Fi+5G)

- 11.85" x 8.67" x 0.70" (301 mm x 220 mm x 17.8 mm)
- 3.06 lbs (1.39 kg)

# Surface Laptop for Business 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

# DISPLAY

# Surface Laptop for Business 13.8"

- Touchscreen: 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<sup>™</sup> support<sup>29</sup>
- Corning® Gorilla® Glass 5
- Anti-reflective, ISO 9241-307 certified<sup>33</sup>
- Brightness:
  - SDR: 600 nits maximum (typical)
  - HDR:<sup>3</sup> 600 nits peak luminance

# Surface Laptop for Business 15"

- Touchscreen: 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<sup>29</sup>
  Corning® Gorilla® Glass 5
- Anti-reflective, ISO 9241-307 certified<sup>33</sup>
- Brightness:
  - SDR: 600 nits maximum (typical)
  - HDR:<sup>3</sup> 600 nits peak luminance





# Surface Laptop for Business

# **KEYBOARD LAYOUT**

- 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<sup>9</sup>
- · Precision haptic touchpad

# **AUDIO**

- Dual Studio Mics with voice focus<sup>13</sup>
- Omnisonic® Speakers with Dolby Atmos®14
- Support for Bluetooth® LE Audio (Wi-Fi only)

# SERVICEABILITY

Replacement components include:23

- 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" only)
- Speakers
- Enclosure (bucket)
- Thermal module
- Feet
- Fan
- 5G module (Wi-Fi+5G only)

# **ACCESSIBILITY**

- Surface precision haptic touchpad with adjustable click sensitivity, right click area, and adaptive touch mode<sup>38</sup>
- Compatible with Surface Adaptive Kit and Microsoft adaptive accessories
- Includes Windows Accessibility Features – Learn more
- <u>Discover more Microsoft Accessible</u> Devices & Products

# **SENSORS**

- Ambient color sensor
- AG sensor \*2 (Wi-Fi+5G only)

#### WHAT'S IN THE BOX

- Surface Laptop for Business
- Power Supply
  (In select markets, available only with specific configurations)
  - 13.8" 39W
  - 15" 65W
- Quick Start Guide
- Safety and warranty documents

# **EXTERIOR**

# Surface Laptop for Business 13.8" (Wi-Fi only)

- Casing: Anodized aluminum
- Colors:<sup>31</sup> Platinum and Black

# Surface Laptop for Business 13.8" (Wi-Fi+5G)

- Casing: Anodized aluminum and antenna-optimized composite palm rest
- Colors:31 Platinum and Slate palm rest

# Surface Laptop for Business 15"

- Casing: Anodized aluminum
- Colors:<sup>31</sup> Platinum and Black

# WARRANTY<sup>32</sup>

1-year limited hardware warranty

#### SUSTAINABILITY

Designed with sustainability in mind.

# **Recycled materials**

- Battery cell makes use of 100% recycled cobalt<sup>41</sup>
- Paper-based packaging, minimizing plastic use

# Repairability

Clear visual icons and built-in access to repair instructions<sup>23</sup>

#### 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.

# **ENERGY USAGE [JAPAN]**

Surface Laptop for Business 13.8" (Wi-Fi only)

Surface Laptop for Business, 構成: 12区分11.25kWh/年(AAA)

Surface Laptop for Business 13.8" (Wi-Fi+5G)

Surface Laptop 5G for Business, 構成: 12区分10.96 kWh/年(AAA)

Surface Laptop for Business 15"

Surface Laptop for Business, 構成: 12区分12.04kWh/年(AAA)

# RADIO FREQUENCY [FRANCE]34

# Surface Laptop for Business 13.8" (Wi-Fi only)

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 0.61W/kg pour le tronc et de 0.61W/kg pour les membres.

# Surface Laptop for Business 13.8" (Wi-Fi+5G)

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 1.49W/kg pour le tronc et de 2.975W/kg pour les membres.

# Surface Laptop for Business 15"

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 0.61W/kg pour le tronc et de 0.61W/kg pour les membre.

# FRENCH REPAIRABILITY INDEX [FRANCE]

Découvrez comment l'indice de réparabilité est calculé