

Srfc Lpt7 13.8 IntelCU5/16/512 Blck (EP2-22172)

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Experience the versatility and productivity of the Microsoft Surface Laptop for Business, designed for those who demand efficiency on the go. This notebook features a vibrant LED touchscreen display with a 3:2 aspect ratio and 10-point multi-touch capability, eliminating the need for traditional input devices in many situations. The powerful Core Ultra 5 processor combined with 8 cores allows for seamless multitasking, making it an ideal choice for demanding business applications. Its lightweight design ensures portability without compromising performance, allowing for flexible work environments. Equipped with advanced range of peripherals and accessories. Enjoy high-quality audio with omnisonic speakers and stay engaged in video calls with the integrated Windows Hello webcam, which comes with features like background blur and Eye Contact function. With a durable SSD and LPDDR5X SDRAM, the Microsoft Surface Laptop for Business ensures quick access to files and applications, streamlining workflow in professional settings.

Key Selling Points

- Vibrant LED touchscreen display with 10-point multi-touch support
- Powerful Core Ultra 5 processor with 8 cores for efficient multitasking
- Integrated Windows Hello webcam for enhanced video conferencing
- Omnisonic speakers delivering clear audio output
- Multiple USB 3.0 and USB-C ports for versatile connectivity

Product Features

- Impressive display**  
The Microsoft Surface Laptop for Business features an LED touchscreen display with a 3:2 aspect ratio and 10-point multi-touch capability, providing an engaging and interactive user experience.
- Responsive performance**  
Powered by an 8-core Core Ultra 5 processor, this notebook delivers swift processing speeds and allows for efficient multitasking, essential for handling business applications on the go.
- Enhanced connectivity**  
Equipped with multiple connectivity options, including 1 USB 3.0 port and 2 USB-C ports, this laptop supports various devices and ensures seamless data transfer and charging.
- Audio quality**  
Featuring omnisonic speakers, this laptop provides an immersive audio experience, making it perfect for video calls, presentations, or entertainment.
- Video capabilities**  
The integrated Windows Hello webcam supports advanced features such as Eye Contact function and background blur, providing a professional appearance during virtual meetings.

Main specifications

|                             |                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Product Description         | Microsoft Surface Laptop for Business - 7th Edition - Copilot+ PC - 13.8" - Intel Core Ultra 5 - 236V - 16 GB RAM - 512 GB SSD |
| Product Type                | Notebook - Copilot+ PC                                                                                                         |
| Operating System            | Win 11 Pro                                                                                                                     |
| Processor                   | Intel Core Ultra 5 (Series 2) - 236V / 2.1 GHz, up to 4.7 GHz / 8 MB Cache                                                     |
| Neural Processor Unit (NPU) | Intel AI Boost - up to 40 TOPS                                                                                                 |
| Memory                      | 16 GB LPDDR5X SDRAM                                                                                                            |
| Storage                     | 512 GB SSD                                                                                                                     |
| Display                     | 13.8" touchscreen 2304 x 1536 @ 120 Hz - 201 ppi                                                                               |
| Graphics                    | Intel Arc Graphics - up to 53 TOPS                                                                                             |
| Keyboard Backlight          | Yes                                                                                                                            |
| Integrated Webcam           | Yes                                                                                                                            |
| Networking                  | 802.11a/b/g/n/ac/ax/be, Bluetooth 5.4                                                                                          |
| Battery                     | 6-cell - up to 20 hours                                                                                                        |
| Features                    | Ambient colour sensor                                                                                                          |
| Dockable                    | Yes                                                                                                                            |
| Security                    | Trusted Platform Module (TPM 2.0) Security Chip with Microsoft Pluton                                                          |
| Colour                      | Black                                                                                                                          |
| Dimensions (WxDxH)          | 30.1 cm x 22 cm x 1.75 cm                                                                                                      |

|                                |                                                |
|--------------------------------|------------------------------------------------|
| Weight                         | 1.35 kg                                        |
| Localisation                   | Region: Cyprus, Malta, United Kingdom, Ireland |
| Environmental Standards        | EPEAT Gold                                     |
| Specific Absorption Rate (SAR) | 1.15 W/kg (body) † 1.15 W/kg (limb)            |
| Manufacturer Warranty          | Limited warranty - 1 year                      |

## Extended specification

### General

|                  |                |
|------------------|----------------|
| Product Type     | Notebook       |
| AI Level         | Copilot+ PC    |
| Operating System | Windows 11 Pro |

### Memory

|            |               |
|------------|---------------|
| RAM        | 16 GB         |
| Technology | LPDDR5X SDRAM |

### Manufacturer Warranty

|                   |                           |
|-------------------|---------------------------|
| Service & Support | Limited warranty - 1 year |
|-------------------|---------------------------|

### Storage

|              |                     |
|--------------|---------------------|
| Main Storage | 512 GB SSD PCIe 4.0 |
|--------------|---------------------|

### Miscellaneous

|                                |                                                                       |
|--------------------------------|-----------------------------------------------------------------------|
| Colour                         | Black                                                                 |
| Case Material                  | Anodised aluminium                                                    |
| Integrated Options             | Ambient colour sensor                                                 |
| Dockable                       | Yes                                                                   |
| Security                       | Trusted Platform Module (TPM 2.0) Security Chip with Microsoft Pluton |
| Included Accessories           | Power adapter                                                         |
| Specific Absorption Rate (SAR) | 1.15 W/kg (body) † 1.15 W/kg (limb)                                   |
| Localization                   | Region: Cyprus, Malta, United Kingdom, Ireland                        |

### Software

|                   |                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Software Included | Microsoft 365 Business Standard, Business Premium or Microsoft 365 Apps (30 days trial), Microsoft 365 Apps (requires licence or subscription) |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

### Display

|                         |                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                    | 13.8"                                                                                                                                                                                                          |
| Touchscreen             | Yes (10-point multi-touch)                                                                                                                                                                                     |
| Resolution              | 2304 x 1536                                                                                                                                                                                                    |
| V-Sync Rate at Max Res. | 120 Hz                                                                                                                                                                                                         |
| Widescreen              | Yes                                                                                                                                                                                                            |
| Pixel Density (ppi)     | 201                                                                                                                                                                                                            |
| Image Aspect Ratio      | 3:2                                                                                                                                                                                                            |
| Image Brightness        | 600 cd/m²                                                                                                                                                                                                      |
| Features                | Anti-reflective, Color Calibrated, sRGB Color Space, VividView, HDR (high dynamic range), Corning Gorilla glass 5, Adaptive Contrast, PixelSense Flow, Adaptive Colour, Dolby Vision IQ, Auto Color Management |

### Battery

|                  |                                                                            |
|------------------|----------------------------------------------------------------------------|
| Technology       | 6-cell Lithium Ion                                                         |
| Weight           | 222 g                                                                      |
| Capacity         | 4755 mAh                                                                   |
| Run Time         | Up to 20 hours                                                             |
| Battery Run Time | Web browsing: up to 12 hours <sup>1</sup>   Video playback: up to 20 hours |

### Communications

|          |                                       |
|----------|---------------------------------------|
| Wireless | 802.11a/b/g/n/ac/ax/be, Bluetooth 5.4 |
|----------|---------------------------------------|

### Dimensions & Weight

|                    |                           |
|--------------------|---------------------------|
| Dimensions (WxDxH) | 30.1 cm x 22 cm x 1.75 cm |
| Weight             | 1.35 kg                   |

### Processor / Chipset

|                 |                                              |
|-----------------|----------------------------------------------|
| CPU             | Intel Core Ultra 5 (Series 2) 236V / 2.1 GHz |
| Max Turbo Speed | 4.7 GHz                                      |
| Number of Cores | 8-core                                       |
| Cache           | 8 MB                                         |
| Features        | Intel Smart Cache                            |

### Audio & Video

|                     |                                                                                   |
|---------------------|-----------------------------------------------------------------------------------|
| Graphics Processor  | Intel Arc Graphics - up to 53 TOPS                                                |
| Camera              | Yes - 1080p                                                                       |
| Resolution          | 2 Megapixel                                                                       |
| Video Resolutions   | 1920 x 1080                                                                       |
| Frame Rate          | 60 frames per second                                                              |
| Camera Features     | Windows Hello, auto framing, Eye Contact function, background blur, portrait blur |
| Sound               | Stereo speakers, dual array microphone                                            |
| Compliant Standards | Dolby Atmos                                                                       |
| Audio Features      | Output: Omnisonic speakers                                                        |

### Input

|                    |                                        |
|--------------------|----------------------------------------|
| Type               | Keyboard, touchpad                     |
| Keyboard Backlight | Yes                                    |
| Features           | Precision Haptic touchpad, Copilot key |

### AC Adapter

|        |         |
|--------|---------|
| Output | 39 watt |
|--------|---------|

### Connections & Expansion

|                    |                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces Details | 2 x USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Type C) <sup>1</sup>   SurfaceConnect <sup>1</sup>   Headphone output <sup>1</sup>   USB 3.1 |
| Memory Card Reader | Yes (microSDXC)                                                                                                                                           |

### Sustainability Information

|                 |            |
|-----------------|------------|
| EPEAT Compliant | EPEAT Gold |
|-----------------|------------|

### Neural Processor Unit (NPU)

|                             |                |
|-----------------------------|----------------|
| Neural Processor Unit (NPU) | Intel AI Boost |
|-----------------------------|----------------|

|                                                 |                                                      |
|-------------------------------------------------|------------------------------------------------------|
| <i>NPU Performance Up To (TOPS)</i>             | <i>40 TOPS</i>                                       |
| <i>Total Processor Performance Up To (TOPS)</i> | <i>97 TOPS</i>                                       |
| <i>AI Datatype Support on NPU</i>               | <i>INT8</i>                                          |
| <i>Sparsity Support</i>                         | <i>Yes</i>                                           |
| <i>AI Software Frameworks Supported by NPU</i>  | <i>DirectML, OpenVINO, WebNN, WindowsML, ONNX RT</i> |
| <i>Windows Studio Effects Support</i>           | <i>Yes</i>                                           |

*What's in the box*

*Microsoft Surface Laptop Copilot+ PC for Business 7th Edition*  
*Power adapter*

*Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet*