

Srfc Lpt7 13.8 IntelCU5/16/256 Blck(EP2-22147)

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The Microsoft Surface Laptop Copilot+ PC for Business offers an audiovisual experience with compliant standards of Dolby Atmos and Omnisonic stereo speakers, ensuring immersive sound quality. With a brilliant high-resolution display featuring a V-Sync rate of 120 Hz, 600 cd/m2 brightness, and HDR support, every image comes to life with clarity and vibrancy. Designed for seamless interaction, the 10-point multi-touch touchscreen allows for intuitive gestures, while the Precision Haptic touchpad enhances navigation with tactile feedback. This notebook is powered by an Intel Core Ultra 5 processor, featuring an 8-core configuration that reaches turbo speeds of 4.7 GHz. With 8 MB of cache memory and LPDDR5X SDRAM, users can experience fast performance and multitasking capabilities. Equipped with advanced connectivity options, including multiple USB ports and Bluetooth 5.4, this device keeps you connected with ease. Additionally, built-in security features like the TPM 2.0 chip ensure data protection for business users who prioritize security alongside performance.

Key Selling Points

- Dolby Atmos-compliant audio with Omnisonic speakers
- High-resolution display with HDR and adaptive color technology
- Intel Core Ultra 5 processor with 8-core performance
- 10-point multi-touch touchscreen for easy navigation
- Robust security features including Trusted Platform Module

Product Features

- Immersive audio experience**  
The incorporation of Dolby Atmos-compliant standards and Omnisonic stereo speakers delivers a rich sound experience, making every audio interaction engaging.
- Vivid display technologies**  
Featuring a high resolution with a V-Sync rate of 120 Hz and HDR support, the display ensures images are delivered with brightness and clarity, providing an impressive visual experience.
- Powerful processing capabilities**  
Powered by an Intel Core Ultra 5 processor with an 8-core design, the device handles multitasking efficiently, with clock speeds reaching up to 4.7 GHz for demanding applications.
- User-friendly touchscreen**  
The 10-point multi-touch touchscreen offers intuitive interaction, allowing users to navigate and control applications easily, enhancing productivity and user experience.
- Strong security features**  
Equipped with a Trusted Platform Module (TPM 2.0) security chip, this notebook ensures data integrity and protection, giving users peace of mind in business environments.

Main Specifications

Product Description	Microsoft Surface Laptop Copilot+ PC for Business - 7th Edition - 13.8" - Intel Core Ultra 5 - 236V - 16 GB RAM - 256 GB SSD
Product Type	Notebook
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
Storage	256 GB SSD
Display	13.8" touchscreen 2304 x 1536 @ 120 Hz - 201 ppi
Graphics	Intel Arc Graphics
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
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
Operating System	Windows 11 Pro

Memory

RAM	16 GB
Technology	LPDDR5X SDRAM

Manufacturer Warranty

Service & Support	Limited warranty - 1 year
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Storage

Main Storage	256 GB SSD PCIe 4.0
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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)
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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   Video playback: up to 20 hours

Communications

Wireless	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
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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
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
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Connections & Expansion

Interfaces Details	2 x USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Type C)   SurfaceConnect   Headphone output   USB 3.1
Memory Card Reader	Yes (microSDXC)

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	40 TOPS