

Microsoft Surface Laptop for Business (EP2-22828)

Microsoft Surface Laptop for Business - 7th Edition - Copilot+ PC - Intel Core Ultra 7 - 268V / up to 5 GHz - Win 11 Pro - Intel Arc Graphics - 32 GB RAM - 256 GB SSD - 15" touchscreen 2496 x 1664 @ 120 Hz - Wi-Fi 7, Bluetooth - black



The Microsoft Surface Laptop Copilot+ PC for Business is designed to enhance productivity and creativity in a sleek and durable form. With its 3:2 aspect ratio display, you can enjoy vibrant visuals backed by Dolby Vision IQ and sRGB color space, ensuring your work looks true to life. The 10-point multi-touch touchscreen allows for intuitive navigation, making it easier to interact with your applications and media. Powered by the Intel Core Ultra 7 processor, speeds reaching up to 5 GHz. The inclusion of Dolby Atmos and Omnisonic speakers delivers rich sound quality that adds depth to video calls and presentations. The precision haptic touchpad and backlit keyboard enhance typing comfort, making prolonged work sessions more enjoyable. With connectivity options such as USB 3.1, SurfaceConnect, and support for Wi-Fi 7, you can stay connected effortlessly, whether at the office or on the go.

Key Selling Points

- High-resolution 1080p webcam with Windows Hello for secure logins
- Responsive 10-point multi-touch touchscreen for easy interaction
- Powerful Intel Core Ultra 7 processor with 8 cores for efficient multitasking
- Stunning visuals with Dolby Vision IQ and adaptive color management
- Immersive sound experience with Dolby Atmos and Omnisonic speakers

Product Features

- Vibrant display**
The 3:2 aspect ratio display features anti-reflective properties, Dolby Vision IQ, and is color calibrated for enhanced viewing experiences.
- Robust performance**
Equipped with an Intel Core Ultra 7 processor and 8-core architecture, users can expect fast processing speeds and efficient multitasking capabilities.
- Versatile connectivity**
With multiple USB-C and USB 3.1 ports, along with SurfaceConnect, this device supports various peripherals and fast data transfers.
- Enhanced audio**
The Omnisonic speakers with Dolby Atmos technology provide an immersive sound experience, perfect for video conferencing and multimedia consumption.
- Durable build**
Crafted with anodized aluminum, the laptop offers a robust and elegant design, ensuring longevity and portability for business needs.

Main specifications

Product Description	Microsoft Surface Laptop for Business - 7th Edition - Copilot+ PC - 15" - Intel Core Ultra 7 - 268V - 32 GB RAM - 256 GB SSD
Product Type	Notebook - Copilot+ PC
Operating System	Win 11 Pro
Processor	Intel Core Ultra 7 (Series 2) - 268V / 2.2 GHz, up to 5 GHz / 12 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 48 TOPS
Memory	32 GB LPDDR5X SDRAM
Storage	256 GB SSD
Display	15" touchscreen 2496 x 1664 @ 120 Hz - 201 ppi
Graphics	Intel Arc Graphics - up to 66 TOPS
Keyboard Backlight	Yes
Integrated Webcam	Yes
Networking	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Battery	6-cell - up to 22 hours
Features	Ambient colour sensor
Dockable	Yes
Security	Trusted Platform Module (TPM 2.0) Security Chip with Microsoft Pluton
Colour	Black
Dimensions (WxDxH)	32.9 cm x 23.9 cm x 1.826 cm

Weight	1.65 kg
Localisation	Region: Cyprus, Malta, United Kingdom, Ireland
Specific Absorption Rate (SAR)	0.51 W/kg (body) † 0.51 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	32 GB
Technology	LPDDR5X SDRAM

Manufacturer Warranty

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

Storage

Main Storage	256 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)	0.51 W/kg (body) † 0.51 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	15"
Touchscreen	Yes (10-point multi-touch)
Resolution	2496 x 1664
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	269.5 g
Capacity	5806 mAh
Run Time	Up to 22 hours
Battery Run Time	Web browsing: up to 14 hours † Video playback: up to 22 hours

Communications

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

Dimensions & Weight

Dimensions (WxDxH)	32.9 cm x 23.9 cm x 1.826 cm
Weight	1.65 kg

Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 268V / 2.2 GHz
Max Turbo Speed	5 GHz
Number of Cores	8-core
Cache	12 MB
Features	Intel Smart Cache

Audio & Video

Graphics Processor	Intel Arc Graphics - up to 66 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	65 Watt
--------	---------

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)	48 TOPS
Total Processor Performance Up To (TOPS)	118 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes

AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WebNN, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

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