ComX Computers
Product Specification Sheet

EP2-22183

Microsoft Surface 7 13.8" Copilot+ Core Ultra 2 Notebook Ultra 5 236V 4.7GHz 16GB 512GB 13.8" 2304x1536 Arc 130V BT Win 11 Pro

Product Overview

Microsoft Surface 7 13.8" Copilot+ Series Core Ultra Series 2 EP2-22183 Black Notebook, Intel Core Ultra 5 236V Series 2 Eight (8) Core Lunar Lake Turbo Boost up to 4.7Ghz 8MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 16GB LPDDR5 Memory onboard, Supports 16GB Max Mem, No memory slots, 512GB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 13.8" Capacitive Multi Touch Screen (2304 x 1536 resolution) Glossy Type 600nits LED Backlit Display, Intel Arc Graphics 130V, Intel AI Boost 40 TOPS, Wi-Fi 7, Bluetooth, Webcam, Backlit Keyboard, 2x USB-C with USB4 / Thunderbolt 4 ports, 1x USB-A 3.1 Gen 2, 1.4 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Carry in warranty











Specifications

Summary Overview:

The Microsoft Surface Laptop 7 Copilot+ 13.8-inch is a premium AI-ready notebook built for professionals, students and business users who need excellent performance in a lightweight design. Powered by the Intel Core Ultra 5 236V Series 2 processor, 16GB LPDDR5X memory and a fast 512GB PCIe SSD, it delivers responsive multitasking, fast application loading and advanced AI capabilities. The high-resolution PixelSense Flow touchscreen, Intel Arc Graphics, Wi-Fi 7 and Windows 11 Pro make it an excellent choice for modern productivity. Buy now and enjoy a premium Windows laptop designed for work, study and everyday computing.

The Surface Laptop 7 series has received positive feedback from reviewers for its premium build quality, comfortable keyboard, vibrant high-resolution display, long battery life and excellent everyday performance. It is especially popular with business professionals, remote workers, students and users looking for a lightweight premium laptop with AI-enhanced productivity features and dependable portability.

Laptop performance tier: Premium Ultrabook / AI Productivity

Uses: Office productivity, business applications, AI-assisted workflows, Microsoft 365, web browsing, video conferencing, programming, content creation, photo editing, multimedia streaming, university studies, multitasking

Overview:

Microsoft Surface Laptop 7 13.8" Copilot+ AI Business Laptop

The Microsoft Surface Laptop 7 is a premium business notebook designed for professionals who need speed, portability, and advanced AI capabilities. Powered by the Intel Core Ultra 5 Series 2 processor and built as a Copilot+ PC, it delivers excellent performance for productivity, collaboration, and creative workloads while remaining lightweight enough for everyday travel.

Its sleek black design, vibrant 13.8-inch PixelSense touchscreen, fast SSD storage, and Windows 11 Professional make it an excellent choice for users looking for a modern business laptop that keeps up with demanding workdays.

Description

Designed to help you work smarter, the Surface Laptop 7 combines powerful hardware with built-in AI acceleration to improve everyday productivity. The dedicated Intel AI Boost NPU delivers up to 40 TOPS, enabling intelligent Copilot+ experiences that assist with content creation, communication, and workflow automation.

Whether you are working from the office, home, or while travelling, the combination of long battery life, Wi-Fi 7 connectivity, and premium build quality ensures reliable performance throughout the day.

Features:

AI-Enhanced Productivity

The Copilot+ platform helps streamline daily tasks with intelligent AI experiences designed for business users.

- Intel Core Ultra 5 Series 2 processor with AI acceleration
- Intel AI Boost NPU delivering up to 40 TOPS
- Optimised for Microsoft Copilot+ experiences
- Supports AI-assisted productivity and creative workflows
- Run demanding applications with improved efficiency

Designed for Professional Collaboration

Video meetings look clearer thanks to the Full HD Surface Studio Camera and AI-powered Windows Studio Effects. Intelligent framing helps keep you centred during calls, creating a more professional meeting experience.

- 1080p Surface Studio webcam
- AI-powered Windows Studio Effects
- Automatic framing during video calls
- Clear audio and reliable wireless connectivity with Wi-Fi 7

Smooth Multitasking

With 16GB of high-speed LPDDR5 memory and a fast 512GB PCIe SSD, the Surface Laptop 7 is built for multitasking across multiple applications. It can also support up to two external 4K monitors when connected through compatible USB4 or Thunderbolt 4 accessories.

Premium Display

Enjoy crisp visuals and responsive touch controls on the 13.8-inch high-resolution PixelSense touchscreen. The bright 2304 x 1536 display offers excellent clarity for documents, presentations, creative work, and entertainment.

Business-Ready Security

Built as a Secured-core PC, the Surface Laptop 7 provides trusted Microsoft security from hardware through the operating system, helping businesses confidently adopt modern AI-powered computing.

Connectivity

The notebook includes versatile connectivity for today's workplace.

- Dual USB-C USB4 / Thunderbolt 4 ports
- USB-A 3.1 Gen 2 port
- Wi-Fi 7
- Bluetooth
- Backlit keyboard
- Windows 11 Professional

The Microsoft Surface Laptop 7 Copilot+ PC is an excellent choice for business professionals, remote workers, and students looking for a lightweight premium laptop with advanced AI capabilities, outstanding display quality, fast wireless connectivity, and reliable all-day performance.

Specifications:

Product	Microsoft Surface Laptop 7 Copilot+ PC
Product Type	Laptop
Form Factor	Clamshell
Processor Family	Series 2 Intel Core Ultra 5
Processor Model	236V
Processor Frequency	2.10 GHz / Up to 4.70 GHz (8 MB Cache, 8 Cores)
vPro Security	Not supported
NPU	Intel AI Boost, up to 40 TOPS

Display Diagonal	35.1 cm (13.8")
HD Type	PixelSense Flow
Display Resolution	2304 x 1536
Display	Touchscreen, 3:2, up to 120Hz, SDR 600 nits, HDR 600 nits peak
Internal Memory	16 GB (Soldered)
Internal Memory Type	LPDDR5X-SDRAM
Memory Slots	Not supported
Max Memory	Up to 16 GB
Total Storage Capacity	512 GB Removable Gen 4
Storage Media	SSD
Storage Slot	1 x Removable Gen 4 SSD slot
Max Storage Support	Up to 1 TB
On-board Graphics Card Model	Intel Arc Graphics 130V
Discrete Graphics Card Model	Not supported
Keyboard	Backlit, Copilot Key
Camera	1080p Full HD Front-facing Surface Studio Camera
Fingerprint Reader	Not supported
Smartcard Reader	Not supported
Security Chip	Microsoft Pluton Security Processor, TPM 2.0, Windows Hello facial recognition with Enhanced Sign-in Security
Operating System Installed	Windows 11 Pro
Connectivity	Wi-Fi 7 (802.11be), Bluetooth Core 5.4
Mobile Broadband	Not supported
Battery	54 Wh
Battery Life	Up to 20 hours of local video playback
Power Adapter	39W Surface Connect Power Supply
Product Colour	Black
Weight	Starting at 1.35 kg
Ports and Slots	2 x USB-C with USB4 / Thunderbolt 4 ports with support for:
	Charging
	Data transfer
	DisplayPort 2.1
	Surface Thunderbolt 4 Dock and other accessories
	Supports fast charging with minimum 60W power supply via Surface Connect or USB-C
	1 x USB-A 3.1
	1 x 3.5 mm Headphone Jack
	1 x Surface Connect port

What's in the Box	Surface Laptop 7 13.8-inch
	39W Surface Connect Power Supply
	Quick Start Guide
	Safety and warranty documents

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/Buy-Notebooks-Laptops-EP2-22183-Microsoft-Surface-7-lp-339026.php

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