**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 |

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|---|---|
| **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 |

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|---|---|
| **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://comx-computers.co.za/Buy-Notebooks-Laptops-EP2-22183-Microsoft-Surface-7-lp-339026.php**

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