ComX Computers
Product Specification Sheet

EP2-22158

Microsoft Surface 7 13.8" Copilot+ Core Ultra 2 Notebook Ultra 5 236V 4.7GHz 16GB 256GB 13.8" 2304x1536 Arc 130V BT Win 11 Pro

Product Overview

Microsoft Surface 7 13.8" Copilot+ Series Core Ultra Series 2 EP2-22158 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, 256GB 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+ PC combines premium portability with powerful AI-ready performance for business and everyday productivity. Powered by an Intel Core Ultra 5 Series 2 processor, 16GB memory and a fast 256GB SSD, it delivers responsive multitasking, a vibrant 13.8-inch PixelSense touchscreen and Windows 11 Pro for a modern computing experience. Buy now and enjoy a premium laptop built for work, study and creativity in South Africa.

The Surface Laptop 7 series has received positive feedback for its excellent build quality, long battery life, responsive keyboard, high-quality display and efficient AI-enhanced performance. It is especially popular with business professionals, students, remote workers and users looking for a lightweight premium Windows laptop with strong everyday performance.

Laptop performance tier: Premium AI Productivity

Uses: Office productivity, business applications, remote work, video conferencing, AI-assisted workflows, web browsing, studying, content creation, multimedia streaming, light photo editing, multitasking

Overview:

Microsoft Surface Laptop 7 13.8" Copilot+ PC

The Microsoft Surface Laptop 7 is a premium business notebook built for professionals who need speed, portability and intelligent AI capabilities. Powered by an Intel Core Ultra 5 Series 2 processor with Intel AI Boost, it delivers fast performance for everyday productivity, collaboration and creative workloads while remaining lightweight enough for work on the move.

Designed as a Copilot+ PC, this Surface Laptop enhances modern workflows with built-in AI experiences, advanced security and impressive battery efficiency. Whether you are working from the office, home or while travelling, it provides the performance and responsiveness needed for demanding business environments.

Built for Modern Business

The Intel Core Ultra Series 2 processor combines powerful performance with dedicated AI acceleration, allowing the laptop to handle multiple applications, video conferencing and AI-assisted workloads smoothly. The integrated Intel AI Boost NPU delivers up to 40 TOPS, enabling new Copilot+ PC experiences while improving efficiency.

Microsoft Windows 11 Professional provides business-ready security and productivity tools, making this notebook suitable for professionals and organisations looking for a reliable work platform.

Features:

AI Productivity with Copilot+

Take advantage of advanced AI tools that help save time and improve productivity. The dedicated AI hardware enables intelligent experiences directly on the device, including:

- Live Captions with real-time translation from over 40 languages into English.
- AI-powered Cocreator in Paint for generating images from text or voice prompts.
- Microsoft Copilot Studio integration for creating AI-powered business workflows.
- Faster AI processing without relying entirely on the cloud.

Designed for Collaboration

The Full HD Surface Studio Camera works together with Windows Studio Effects to improve online meetings. AI-powered enhancements such as automatic framing help keep you centred during video calls, making virtual collaboration more professional and engaging.

Support for two external 4K monitors gives users additional workspace for multitasking, helping improve productivity in office environments.

Fast Wireless Connectivity

Stay connected with the latest Wi-Fi 7 technology for faster, more reliable networking. Bluetooth support allows easy pairing with wireless accessories, while USB4 and Thunderbolt 4 ports offer high-speed connectivity for docks, storage devices and external displays.

Premium Display and Portable Design

The 13.8-inch PixelSense touchscreen delivers a sharp 2304 x 1536 resolution with excellent brightness, making it ideal for productivity, presentations and everyday business use. The responsive touch display adds flexibility when navigating Windows and working with compatible applications.

Despite its premium build, the notebook weighs only around 1.4 kg, making it easy to carry throughout the working day. A backlit keyboard also allows comfortable typing in low-light environments.

Why Choose the Microsoft Surface Laptop 7?

- Intel Core Ultra 5 Series 2 processor with AI acceleration.
- Copilot+ PC designed for AI-powered productivity.
- Intel AI Boost delivering up to 40 TOPS.
- Premium 13.8-inch high-resolution touchscreen.
- AI-enhanced 1080p Surface Studio Camera.
- Support for two external 4K displays.
- Wi-Fi 7 and Bluetooth connectivity.
- USB4 and Thunderbolt 4 ports.
- Lightweight design at approximately 1.4 kg.
- Windows 11 Professional operating system.

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	256 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://comx-computers.co.za/Buy-Notebooks-Laptops-EP2-22158-Microsoft-Surface-7-lp-339024.php

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