ComX Computers
Product Specification Sheet

EP2-21520

Microsoft Surface 7 15" Copilot+ Core Ultra 2 Notebook Ultra 7 268V 5.0GHz 32GB 1TB 15" 2496x1664 Arc 140V BT Win 11 Pro

Product Overview

Microsoft Surface 7 15" Copilot+ Series Core Ultra Series 2 EP2-21520 Platinum Notebook, Intel Core Ultra 7 268V Series 2 Eight (8) Core Lunar Lake Turbo Boost up to 5Ghz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 32GB LPDDR5 Memory onboard, Supports 32GB Max Mem, No memory slots, 1TB SSD Solid State Hard Drive PCIe, NO optical drive (No CD), 15" Capacitive Multi Touch Screen (2496 x 1664 resolution) Glossy Type 600nits LED Backlit Display, Intel Arc Graphics 140V, Intel AI Boost 48 TOPS, Wi-Fi 7, Bluetooth, Webcam, Backlit Keyboard, 2x USB-C with USB4 / Thunderbolt 4 ports, 1x USB-A 3.1 Gen 2, Micro SD Card Reader, 1.7 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Carry in warranty











Specifications

Summary Overview:

The Microsoft Surface Laptop 7 15" Copilot+ PC delivers premium business performance with an Intel Core Ultra 7 Series 2 processor, 32GB memory and a fast 1TB SSD. Designed for professionals who need reliable multitasking, AI-powered workflows and a high-quality touchscreen experience, this Windows 11 Pro laptop combines portability with advanced connectivity including Wi-Fi 7 and Thunderbolt 4. Buy now for a powerful productivity solution built for modern work.

Customer reviews of the Surface Laptop 7 series are generally positive among business users, professionals and power users who praise its premium build quality, comfortable keyboard, sharp display, quiet everyday operation and strong battery performance. Some buyers note that the soldered memory cannot be upgraded and high workloads may increase fan activity. Notebookcheck+1

Laptop performance tier: Premium high-performance business laptop

Uses: Business productivity, AI applications, Microsoft 365, video conferencing, programming, content creation, multitasking, professional workflows

Overview:

Microsoft Surface Laptop 7 15 inch Copilot+ PC for Business

The Microsoft Surface Laptop 7 15 inch Copilot+ PC is a premium business notebook designed for professionals who need powerful performance, advanced AI capabilities and reliable mobility. Powered by an Intel Core Ultra Series 2 processor with dedicated AI acceleration, this Surface Laptop delivers fast everyday computing, smooth multitasking and intelligent tools to improve productivity.

With its large 15 inch PixelSense touchscreen display, premium design and long-lasting performance, the Surface Laptop 7 is ideal for business users, executives, creators and professionals who need a device that can handle demanding workloads while remaining portable. Built with Windows 11 Professional and modern security features, it provides a secure platform for today's hybrid working environments.

Description

The Surface Laptop 7 combines powerful Intel Core Ultra processing with Copilot+ PC technology to deliver enhanced productivity through built-in AI experiences. The dedicated AI engine helps accelerate tasks such as communication, content creation and workflow automation, allowing users to work more efficiently.

The high-resolution touchscreen provides a sharp and responsive viewing experience, while the premium construction, backlit keyboard and lightweight design make it comfortable for working both in the office and on the move.

Features:

AI-Enhanced Productivity for Modern Work

Designed as a Copilot+ PC, the Surface Laptop 7 brings advanced AI tools directly into Windows to help users complete tasks faster and work smarter.

Key AI capabilities include:

- Live Captions for real-time translation and improved communication
- Cocreator in Paint for AI-assisted image creation
- Microsoft Copilot integration for intelligent assistance and workflow improvements

The powerful NPU delivers dedicated AI processing, helping support modern business applications while reducing the workload on the main processor.

Powerful Performance for Business Users

The Intel Core Ultra Series 2 processor provides a balance of high performance and efficiency, making this notebook suitable for demanding professional tasks, multitasking and productivity applications.

With fast SSD storage and high-capacity onboard memory, the Surface Laptop 7 offers responsive performance for running multiple applications, managing large files and handling advanced workflows.

Premium Touchscreen Experience

The 15 inch PixelSense touchscreen delivers detailed visuals, vibrant colours and smooth interaction for work, presentations and creative tasks. The capacitive multi-touch display allows intuitive navigation through Windows 11 and supported applications.

The large screen size provides additional workspace for managing documents, spreadsheets, video calls and multiple applications.

Advanced Connectivity and Collaboration

The Surface Laptop 7 is built for modern business environments with fast wireless connectivity and versatile connection options.

Benefits include:

- Wi-Fi 7 for faster and more reliable wireless performance
- USB4 and Thunderbolt 4 support for high-speed accessories and displays
- USB-A connectivity for existing peripherals
- MicroSD card reader for convenient file access

Users can connect external displays and accessories to create a flexible workstation setup.

Secure Business Computing with Windows 11 Pro

Built as a Secured-core PC, the Surface Laptop 7 helps protect business data with Microsoft security technologies integrated from chip to cloud. Windows 11 Professional provides advanced management and security features for professional environments.

Ideal For

- Business professionals requiring reliable daily performance
- Hybrid workers needing portable productivity
- Executives requiring premium design and mobility
- Creators using AI-assisted tools and advanced applications
- Teams working with Microsoft 365 and Copilot services

Performance tier:

Premium business notebook with AI acceleration

Uses:

Business productivity, office applications, video conferencing, content creation, multitasking, Microsoft 365 workflows and professional AI-assisted tasks

Specifications:

Product	Microsoft Surface Laptop 7 Copilot+ PC
Product Type	Laptop
Form Factor	Clamshell
Processor Family	Series 2 Intel Core Ultra 7
Processor Model	268V
Processor Frequency	2.20 GHz / Up to 5.00 GHz (12 MB Cache, 8 Cores)
vPro Security	Not supported
NPU	Intel AI Boost, up to 48 TOPS
Display Diagonal	38.1 cm (15.0")
HD Type	PixelSense Flow
Display Resolution	2496 x 1664
Display	Touchscreen, 3:2, up to 120Hz, SDR 600 nits, HDR 600 nits peak
Internal Memory	32 GB (Soldered)
Internal Memory Type	LPDDR5X-SDRAM
Memory Slots	Not supported
Max Memory	Up to 32 GB
Total Storage Capacity	1 TB 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 140V
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	TPM 2.0 chip, Microsoft Pluton technology, Windows Hello face authentication with Enhanced Sign-in Security
Operating System Installed	Windows 11 Pro
Connectivity	Wi-Fi 7, Bluetooth Core 5.4
Mobile Broadband	Not supported
Battery	66 Wh
Battery Life	Up to 22 hours of local video playback
Power Adapter	65W Surface Connect Power Supply
Product Colour	Platinum
Weight	Starting at 1.65 kg

Ports and Slots	2 x USB-C with USB4 / Thunderbolt 4 ports with support for:
	Charging
	Data transfer
	DisplayPort 2.1 with support for up to 2 x 4K monitors
	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 microSDXC Express Card Reader
	1 x 3.5 mm Headphone Jack
	1 x Surface Connect port
What's in the Box	1 x Surface Laptop 7 15-inch
	1 x 65W Surface Connect Power Supply
	1 x Quick Start Guide
	1 x 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.co.za/Buy-Notebooks-Laptops-EP2-21520-Microsoft-Surface-7-lp-339054.php

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