

# Microsoft Surface Laptop 7

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## **Surface Laptop**

Designed for advanced AI experiences, Surface Laptop 13.8-inch and 15-inch offer powerful performance and exceptional battery life<sup>1</sup> to handle demanding workloads.

## **The smart, fast and thin laptop**

Unlock new AI experiences with the sleek Surface Laptop, 7th Edition, boosting performance with the most powerful NPU for a Windows PC.

## **Elevate your productivity**

Get power and speed with the new Snapdragon X Elite and Plus processors and the most powerful NPU on a Windows PC for an unmatched experience.

## **The most powerful Surface Laptop**

The most powerful NPU available for a Windows PC delivers lightning-fast performance. Industry leading AI acceleration completes tasks faster through unique AI experiences.

Slide

## **Enhance your camera feed**

AI-powered, unique Windows Studio Effects delivers both smooth performance and premium videoconferencing without slowing your PC.

## **Automatic Framing**

HD 1080p camera and Automatic Framing keeps everyone in focus. And with Portrait Light always be seen in the right light.

## **High quality audio**

Surface Studio Mics featuring Voice Focus, and Omnisonic Speakers with Dolby Atmos for the best quality sound.

## **Designed with sustainability in mind**

At Surface, we design products with the circular economy in mind, making sustainability a core part of our Surface product promise.

## **Surface for Business Essentials**

Microsoft Surface has a complete package of offerings for maintaining productivity and extending device use.

## **Zusammenfassung**

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Microsoft Surface Laptop 7 , Qualcomm Snapdragon, 35 cm (13.8"), 2304 x 1536 pixels, 32 GB, 1 TB, Windows 11 Pro

Microsoft Surface Laptop 7 . Product type: Laptop, Form factor: Clamshell. Processor family: Qualcomm Snapdragon. Display diagonal: 35 cm (13.8"), Display resolution: 2304 x 1536 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Qualcomm Adreno GPU. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.34 kg

## Merkmale

		Keyboard	
<b>Performance</b>		Pointing device	Touchpad
Ambient light sensor	Yes	Numeric keypad	No
		Keyboard layout	QWERTZ
		Keyboard language	German
		Copilot key	Yes
<b>Neural processor unit (NPU)</b>		<b>Security</b>	
Neural processor unit (NPU)	Qualcomm Hexagon	Face recognition	Yes
NPU performance up to	45 TOPs	Windows Hello	Yes
<b>Power</b>		Trusted Platform Module (TPM)	Yes
AC adapter power	39 W	Trusted Platform Module (TPM)	2.0
USB Power Delivery (USB PD)	Yes	version	
		Password protection	Yes

## Battery

Battery capacity	54 Wh
Continuous video playback time	20 h
Browsing time (Wi-Fi)	13 h

## Camera

Front camera	Yes
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD

## Memory

Internal memory	32 GB
Internal memory type	LPDDR5x-SDRAM
Maximum internal memory	32 GB

## Audio

Audio system	Dolby Audio
Speakers manufacturer	OmniSonic
Built-in microphone	Yes
Number of microphones	2

## Processor

Processor manufacturer	Qualcomm
Processor family	Qualcomm Snapdragon
Processor generation	Snapdragon X Elite
Processor cores	12

## Weight & dimensions

Width	220 mm
Depth	301 mm
Height	17.5 mm
Weight	1.34 kg

## Software

Operating system architecture	64-bit
Microsoft Copilot	Yes
Copilot+ PC	Yes
Pre-installed software	Microsoft 365 Apps
Operating system installed	Windows 11 Pro

## Graphics

Discrete graphics card model	Not available
On-board graphics card	Yes
On-board GPU manufacturer	Qualcomm
Discrete graphics card	No
On-board graphics card family	Qualcomm Adreno
On-board graphics card model	Qualcomm Adreno GPU

## Network

Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Mobile network connection	No
Bluetooth	Yes
Bluetooth version	5.4
Bluetooth Low Energy (BLE)	Yes

## Storage

Total storage capacity	1 TB
Storage media	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
Optical drive type	No

## Design

Colour name	Black
Product type	Laptop
Product colour	Black
Form factor	Clamshell
Housing material	Aluminium
Market positioning	Business
Introduction year	2024

## Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-1 A ports quantity	
USB4 Gen 3x2 ports quantity	2
Intel® Thunderbolt 4	Yes
Headphone outputs	1
Combo headphone/mic port	Yes
Charging port type	Surface Connect
USB Type-C DisplayPort	Yes
Alternate Mode	

## Display

Display diagonal	35 cm (13.8")
Display resolution	2304 x 1536 pixels
Touchscreen	Yes
LED backlight	Yes
Native aspect ratio	3:2
Display glass type	Gorilla Glass
Maximum display brightness (HDR)	600 cd/m <sup>2</sup>
Pixel density	201 ppi
RGB colour space	sRGB
Maximum refresh rate	120 Hz
Contrast ratio (typical)	1400:1

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.