

# Microsoft Surface Laptop 5

---



**Artikel  
Herstellernummer  
EAN**  
Microsoft

286404  
RIR-00005  
0196388050215

## **Speed, style, and performance**

Make your impact with lightning-fast performance, sleek portability, and built-in security.

## **Effortless multitasking**

Fast multitasking power with 12th Gen Intel® Core™ processors built on the Intel® Evo™ platform.

## **Battery life for real life**

With up to 17 hours of battery life, Surface Laptop 5 empowers productivity wherever work takes you.

## **Ready to work when you are**

Get back to work fast with Instant On and Windows Hello password-free sign-in.

## **Interact naturally**

Do more with the high-definition PixelSense™ touchscreen. Works with a digital pen for mark-ups.

With Surface Laptop 5 for Business by your side, you'll see results with lightning-fast performance, sleek portability, an enhanced camera for more engaging video calls, and built-in security.

## **The Surface for Business advantage**

When you buy a Surface for Business device, you get additional features suited specifically for unique business needs.

## **Zusammenfassung**

---

### **Speed, style, and performance**

Make your impact with lightning-fast performance, sleek portability, and built-in security.

### **Effortless multitasking**

Fast multitasking power with 12th Gen Intel® Core™ processors built on the Intel® Evo™ platform.

### **Battery life for real life**

With up to 17 hours of battery life, Surface Laptop 5 empowers productivity wherever work takes you.

### **Ready to work when you are**

Get back to work fast with Instant On and Windows Hello password-free sign-in.

### **Interact naturally**

Do more with the high-definition PixelSense™ touchscreen. Works with a digital pen for mark-ups.

With Surface Laptop 5 for Business by your side, you'll see results with lightning-fast performance, sleek portability, an enhanced camera for more engaging video calls, and built-in security.

### The Surface for Business advantage

When you buy a Surface for Business device, you get additional features suited specifically for unique business needs.

Microsoft Surface Laptop 5, Intel® Core™ i7, 38.1 cm (15"), 2496 x 1664 pixels, 16 GB, 512 GB, Windows 10 Pro

Microsoft Surface Laptop 5. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1265U. Display diagonal: 38.1 cm (15"), Display resolution: 2496 x 1664 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 10 Pro. Product colour: Platinum. Weight: 1.56 kg

## Merkmale

		Weight & dimensions	
<b>Certificates</b>		Width	340 mm
UN number	3481	Depth	244 mm
		Height	14.7 mm
		Weight	1.56 kg
<b>Other features</b>		<b>Keyboard</b>	
Volume control	Buttons	Pointing device	Touchpad
		Keyboard layout	QWERTZ
		Keyboard language	German
		Numeric keypad	No
		Keyboard backlit	Yes
<b>Packaging content</b>		<b>Software</b>	
Quick start guide	Yes	Operating system architecture	64-bit
		Windows 11 free upgrade	Yes
		Operating system language	Arabic, Danish, German, Dutch, English, Spanish, Finnish, French, Italian, Norwegian, Polish, Portuguese, Swedish
		Trial software	Microsoft 365 30-day trial
		Operating system installed	Windows 10 Pro
<b>Performance</b>		<b>Battery</b>	
Ambient light sensor	Yes	Battery technology	Lithium-Ion (Li-Ion)
		Number of battery cells	6
		Battery capacity	6252 mAh
		Battery capacity	47.4 Wh
		Battery life (max)	17 h
		Battery weight	204 g
<b>Sustainability</b>		<b>Ports &amp; interfaces</b>	
Sustainability certificates	EPEAT Gold	USB 3.2 Gen 1 (3.1 Gen 1) Type-1	
		A ports quantity	
		Thunderbolt 4 ports quantity	1
		Intel® Thunderbolt 4	Yes
		Headphone outputs	1
<b>Technical details</b>			
Body SAR (EU)	0.33 W/kg		
<b>Power</b>			
AC adapter power	65 W		
AC adapter frequency	50/60 Hz		
AC adapter output voltage	15 V		
<b>Security</b>			
Windows Hello	Yes		
Trusted Platform Module (TPM)	Yes		
Trusted Platform Module (TPM) version	2.0		

Combo headphone/mic port	Yes
Charging port type	Surface Connect

## Audio

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

## Camera

Front camera	Yes
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Video capturing speed	30 fps

## Graphics

Discrete graphics card model	Not available
On-board graphics card	Yes
Discrete graphics card	No
On-board graphics card model	Intel Iris Xe Graphics

## Memory

Internal memory	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory	16 GB

## Packaging data

Package width	426 mm
Package depth	312 mm
Package height	55 mm
Package weight	2.68 kg

## Storage

Total storage capacity	512 GB
Storage media	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
Optical drive type	No

## Design

Colour name	Platinum
Product type	Laptop
Product colour	Platinum
Form factor	Clamshell
Market positioning	Business
Introduction year	2022
Country of origin	China

## Network

Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection	No
Bluetooth	Yes
Bluetooth version	5.1
MIMO	Yes
MIMO type	Multi User MIMO

## Processor

Processor manufacturer	Intel
Processor generation	12th gen Intel® Core™ i7
Processor family	Intel® Core™ i7
Processor model	i7-1265U
Processor boost frequency	4.4 GHz
Processor cores	10
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-down	12 W

## Logistics data

Products per master (outer) case	1 pc(s)
Master (outer) case gross weight	1.2 kg
Master (outer) case length	426 mm
Master (outer) case width	312 mm
Master (outer) case height	55 mm
Harmonized System (HS) code	8471300100
Master (outer) cases per pallet layer	6 pc(s)
Layers per pallet	20 pc(s)
Products per pallet layer	6 pc(s)
Products per pallet	120 pc(s)

## Processor special features

Intel® Evo™ Platform Verified	Yes
Intel Flex Memory Access	Yes
Intel Trusted Execution Technology	Yes
Intel VT-x with Extended Page Tables (EPT)	Yes
Intel Stable Image Platform Program (SIPP)	Yes
Execute Disable Bit	Yes
CPU configuration (max)	1
Embedded options available	No
Intel Virtualization Technology for Directed I/O (VT-d)	Yes
Intel Virtualization Technology (VT-x)	Yes

## Display

Display diagonal	38.1 cm (15")
Display resolution	2496 x 1664 pixels
Touchscreen	Yes
LED backlight	Yes
Native aspect ratio	3:2
Display glass type	Gorilla Glass
Display brightness	400 cd/m <sup>2</sup>
Pixel density	201 ppi
RGB colour space	sRGB
Contrast ratio (typical)	1300:1
High Dynamic Range (HDR) technology	Dolby Vision IQ

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