

Dell Latitude 5450 (Version 2024)(7JXW2)

Dell Latitude 5450 (Version 2024) - Intel Core Ultra 5 - 125U / up to 4.3 GHz - Win 11 Pro - Intel Graphics - 16 GB RAM - 512 GB SSD NVMe, TLC - 14" IPS 1920 x 1080 (Full HD) - Gigabit Ethernet - Wi-Fi 6E - grey - BTS - with 1 Year Basic Onsite Service after remote diagnosis with Hardware-Only Support - Disti SnS



The Dell Latitude 5450 is designed for professional and personal use, offering a blend of performance and portability. This 14-inch Full HD display ensures vibrant visuals with a resolution of 1920 x 1080, while the IPS technology provides wide viewing angles for enhanced collaboration. With a 12-core Intel Core Ultra 5 processor and 12 MB cache memory, it delivers reliable power for multitasking and demanding applications.

Equipped with advanced audio input and output features, this laptop provides high definition sound with MaxxAudio 13.0, ensuring an immersive experience for video calls and media playback. The built-in webcam includes HDR capabilities and a privacy shutter for added security. With durability in mind, the Latitude 5450 offers environmental resilience across a range of operating conditions, making it a choice for users on the go.

Key Selling Points

- 14-inch Full HD display with vibrant color and wide viewing angles
- 12-core Intel processor offers reliable performance for multitasking
- Advanced audio features with high definition sound
- Built-in HDR webcam with privacy shutter
- Lightweight design with durable construction for on-the-go productivity

Product Features

Robust Audio Capabilities

The Dell Latitude 5450 features stereo speakers and high definition audio compliant standards, delivering clear sound quality for multimedia experiences.

Dynamic Display Experience

The 14-inch LED display offers a native resolution of 1920 x 1080 with an anti-glare finish, providing optimal visibility in various lighting conditions.

High-Performance Processor

Powered by the Intel Core Ultra 5 processor, this laptop ensures efficient performance and responsiveness whether at work or during leisure activities.

Secure Digital Communication

The built-in HDR webcam and privacy shutter enable secure video conferencing, ensuring high-quality visuals while safeguarding user privacy.

Quick Charging Technology

With ExpressCharge, the Latitude 5450 can recharge quickly, allowing users to spend less time plugged in and more time being productive.

Main Specifications

Product Description	Dell Latitude 5450 (Version 2024) - AI Ready - 14" - Intel Core Ultra 5 - 125U - 16 GB RAM - 512 GB SSD
Product Type	Notebook - AI Ready
Operating System	Win 11 Pro - Dutch / English / French / German / Italian
Processor	Intel Core Ultra 5 (Series 1) - 125U / 1.3 GHz, up to 4.3 GHz / 12 MB Cache
Memory	16 GB DDR5 (2 x 8 GB)
Storage	512 GB SSD - NVMe, TLC
Display	14" 1920 x 1080 / Full HD @ 60 Hz - 157 ppi
Graphics	Intel Graphics
Keyboard Backlight	Yes

Integrated Webcam	Yes
Networking	Bluetooth, 802.11a/b/g/n/ac/ax (Wi-Fi 6E), Gigabit Ethernet
Battery	3-cell
Features	Accelerometer
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, smart card reader
Colour	Grey
Dimensions (WxDxH)	32.135 cm x 21.2 cm x 2.104 cm
Weight	1.4 kg
Pricing Type	Build To Stock (BTS)
Manufacturer Selling Program	Dell Smart Selection
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	111 kg carbon emissions
Specific Absorption Rate (SAR)	0.06 W/kg (body) † 0.06 W/kg (limb)
Bundled Services	1 Year Basic Onsite Service after remote diagnosis with Hardware-Only Support - Distri SnS

Extended Specification

General

Product Type	Notebook - AI Ready
Operating System	Windows 11 Pro - Dutch / English / French / German / Italian

Memory

RAM	16 GB (2 x 8 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	2800 MHz
Rated Speed	2800 MHz
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	0

Manufacturer Warranty

Bundled Services	1 Year Basic Onsite Service after remote diagnosis with Hardware-Only Support - Distri SnS
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Storage

Main Storage	512 GB SSD M.2 2230 PCIe 4.0 - NVMe Express (NVMe), triple-level cell (TLC)
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Miscellaneous

Colour	Grey
Integrated Options	Accelerometer
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, smart card reader
Features	ExpressCharge, Dell ControlVault 3, ExpressChargeBoost
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Wedge-shaped security slot
Included Accessories	USB-C power adapter
Compliant Standards	FIPS 140-2, TCG Certified
Specific Absorption Rate (SAR)	0.06 W/kg (body) † 0.06 W/kg (limb)
Pricing Type	Build To Stock (BTS)

Manufacturer Selling Program	Dell Smart Selection
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% (non-condensing)
Shock Tolerance (operating)	110 g @ 2 ms half-sine pulse
Shock Tolerance (non-operating)	160 g @ 2 ms half-sine pulse
Vibration Tolerance (operating)	0.66 g @ RMS (random)
Vibration Tolerance (non-operating)	1.3 g @ RMS (random)

Software

Software Included	Intel Rapid Storage Technology, Microsoft Office (30 days trial, excludes office licence), Dell Additional Softwares
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Display

Type	14" - IPS
Resolution	1920 x 1080 (Full HD)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Pixel Density (ppi)	157
Image Brightness	250 cd/m ²
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Colour Gamut	45% NTSC
Features	Anti-glare, 35 ms response rate, 0.161 mm pixel pitch

Battery

Technology	3-cell
Weight	220 g
Capacity	54 Wh

Communications

Wireless	Bluetooth, 802.11a/b/g/n/ac/ax (Wi-Fi 6E)
Wireless Controller	Intel Wi-Fi 6E AX 211 - M.2 2230
Network Interface	Gigabit Ethernet
Ethernet Controller	Intel I219-V
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	32.135 cm x 21.2 cm x 2.104 cm
Weight	1.4 kg

Processor / Chipset

CPU	Intel Core Ultra 5 (Series 1) 125U / 1.3 GHz
Max Turbo Speed	4.3 GHz
Number of Cores	12-core
Cache	12 MB
Features	14 Threads

Audio & Video

Graphics Processor	Intel Graphics
Camera	Yes - 1920 x 1080 (standard), 640 x 360 (infrared)
Resolution	2.07 Megapixel (standard), 0.23 Megapixel (infrared)
Image Sensor Type	CMOS
Video Resolutions	1920 x 1080, 640 x 360
Frame Rate	30 frames per second
Camera Features	HDR (High Dynamic Range), face recognition, privacy shutter, IR/RGB camera, Temporal Noise Reduction, 80 degrees, 86.6 degrees (IR camera), Express Sign-In
Sound	Stereo speakers, 2 array microphones
Compliant Standards	High Definition Audio
Audio Features	Output: MaxxAudio 13.0

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Features	AI hotkey, 80-key

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt, 5 / 9 / 15 / 20 V

Connections & Expansion

Interfaces Details	HDMI 2 x USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery) USB 3.2 Gen 1 (PowerShare) USB 3.2 Gen 1 LAN Headphone/microphone combo jack
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Sustainability Information

TCO Certified	-
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	111 kg carbon emissions
Manufacturing (kg CO2e)	81
Logistics (kg CO2e)	4
Use (kg CO2e)	24
EOL (kg CO2e)	2
Total Carbon w/o Use Phase (kg CO2e)	87
PAIA Version	GaBi version 1

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