Dell Latitude 5550(CK8VW)

Dell Latitude 5550 - Intel Core Ultra 7 - 155U / up to 4.8 GHz - Win 11 Pro - Intel Graphics - 16 GB RAM - 512 GB SSD NVMe, TLC - 15.6" IPS 1920 x 1080 (Full HD) - Gigabit Ethernet - NFC, Wi-Fi 6E - grey - BTS - with 1 Year Basic Onsite Service after remote diagnosis with Hardware-Only Support - Disti SnS

The Dell Latitude 5550 notebook combines performance, security, and sustainability in a sleek design. Powered by a 12-core Intel Core Ultra 7 processor and equipped with DDR5 SDRAM, it delivers smooth and efficient performance for professional applications. The 15.6-inch Full HD IPS display, with anti-glare technology and a brightness of 250 cd/m2, offers clear and vivid visuals for an immersive work experience.

Advanced connectivity is a hallmark of this notebook, featuring dual Thunderbolt 4 ports that support Power Delivery and DisplayPort 1.4, alongside Wi-Fi 6E for high-speed Internet access. Security is paramount, with a discrete TPM 2.0 chip, FIPS 140-2, and TCG certified standards ensuring your data is well protected. Additionally, its EPEAT Gold and ENERGY STAR certifications highlight the Dell Latitude 5550's commitment to environmental sustainability, making it an ideal choice for eco-conscious professionals seeking a reliable and powerful computing solution.

Key Selling Points

Delivering a next-level computing experience
Built for efficiency
Time saver
Intelligent collaboration
Exceptional battery life
Layered security
Peace of mind
Innovating with sustainability
Fast response time
Crystal-clear audio
Productivity anywhere
Convenient connectivity

Product Features

Delivering a next-level computing experience
The Intel Core Ultra processor combined with Intel vPro delivers a secure hardware platform, with premium performance and optimized power efficiency, ready to handle the next generation of AI workloads, and the versatile management options that businesses require to stay ahead of the game.

Built for efficiency
The Intel Core Ultra processor delivers the next generation of performance hybrid architecture for supercharged computing with a battery that lasts thanks to a three-tier multi-processing unit. Business users can manage complex workloads by sending the right task to the right engine at the right time with a CPU for lightweight low-latency AI tasks, GPU for media and visual AI rendering, and NPU, a dedicated AI engine, for sustained AI and AI offload.

Time saver
Effortlessly jumpstart your workflow with the Copilot Hardware Key on your device, saving you time by providing quick access to the tools you need to start your workday.

Intelligent collaboration
Users enjoy smoother collaboration with AI-boosts that make Windows Studio Effects even better, with features like smart framing and noise suppression that don't impact overall system performance.

Exceptional battery life
The Latitude 5550 with Intel Core Ultra offers battery life up to 32% longer on average than the previous generation.

Layered security
The secure commercial PCs offering Dell SafeID, Dell SafeBIOS, fingerprint readers, TPM chip and lock slot options. Latitude 5550 also features built-in security options such as contacted/contactless smart card readers, Control Vault 3+, privacy shutters, Windows Hello/IR camera and intelligent privacy.

Peace of mind
Intelligent privacy features from Dell Optimizer help keep sensitive data private. Onlooker Detection notifies you when someone is peering at your screen and will texturize your screen, and Look Away Dim knows when your focus is elsewhere and dims to further protect privacy and save battery life.

Innovating with sustainability
Designed with a variety of sustainable materials including post-consumer recycled plastic, ocean-bound plastic, bio-based plastic.

Fast response time
Improved performance with DDR5 memory.

Crystal-clear audio
Intelligent audio removes background noise on both ends of the call, while Dynamic Volume adjusts your PC speaker volume so you can hear your call clearly over unexpected noises.

Productivity anywhere
Network Optimization joins the best available network, prioritizes conferencing apps and delivers fast data and video downloads with the world's first simultaneous multi-network connection.

Convenient connectivity
Quickly connect to peripherals with a broad range of ports including Thunderbolt 4.0 USB-C, HDMI 2.1 and USB-A.

Main Specifications

Product Description	Dell Latitude 5550 - 15.6" - Intel Core Ultra 7 - 155U - 16 GB RAM - 512 GB SSD
Product Type	Notebook
Operating System	Win 11 Pro - Dutch / English / French / German / Italian
Processor	Intel Core Ultra 7 (Series 1) - 155U / 1.7 GHz, up to 4.8 GHz / 12 MB Cache
Memory	16 GB DDR5 (2 x 8 GB)
Storage	512 GB SSD - NVMe, TLC
Display	15.6" 1920 x 1080 / Full HD @ 60 Hz - 141 ppi
Graphics	Intel Graphics
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Networking	Bluetooth, NFC, 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)	35.78 cm x 23.33 cm x 2.28 cm
Weight	1.62 kg
Pricing Type	Build To Stock (BTS)
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Carbon Footprint	129 kg carbon emissions
Bundled Services	1 Year Basic Onsite Service after remote diagnosis with Hardware-Only Support - Disti SnS

Extended Specification

General

Product Type	Notebook
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 - Disti SnS

Storage

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

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
Pricing Type	Build To Stock (BTS)

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, Dell Additional Softwares, No Microsoft Office License Included - 30 day Trial Offer Only

Display

Type	15.6" - IPS
Resolution	1920 x 1080 (Full HD)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Pixel Density (ppi)	141
Image Brightness	250 cd/m²
Horizontal Viewing Angle	+80 / -80
Vertical Viewing Angle	+80 / -80
Colour Gamut	45% NTSC
Features	Anti-glare, 35 ms response rate, 0.179 mm pixel pitch

Battery

Technology	3-cell
Weight	220 g
Capacity	54 Wh

Communications

Wireless	Bluetooth, NFC, 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
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	35.78 cm x 23.33 cm x 2.28 cm
Weight	1.62 kg

Processor / Chipset

CPU	Intel Core Ultra 7 (Series 1) 155U / 1.7 GHz
Max Turbo Speed	4.8 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), 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: Realtek Waves, MaxxAudio 13.0

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Numeric Keypad	Yes
Features	AI hotkey, 100-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 1.4 Alt Mode) (Power Delivery) ¦ USB 3.2 Gen 1 (PowerShare) ¦ USB 3.2 Gen 1 ¦ LAN ¦ Headphone/microphone combo jack
Memory Card Reader	Yes (microSD, microSDHC, microSDXC)

Sustainability Information

TCO Certified	-
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	129 kg carbon emissions
Manufacturing (kg CO2e)	95

Logistics (kg CO2e)	4
Use (kg CO2e)	28
EOL (kg CO2e)	2
Total Carbon w/o Use Phase (kg CO2e)	101
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