



DELL Latitude 5550 Intel Core Ultra 7 155U Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Latitude

Product code: CK8VW

Product name : 5550

DELL Latitude 5550. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155U. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey. Weight: 1.62 kg



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product colour *	Grey	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Mobile network connection *	✗
Market positioning	Business	Antenna type	2x2
Display		WLAN controller model	Intel Wi-Fi 6E AX211
Display diagonal *	39.6 cm (15.6")	WLAN controller manufacturer	Intel
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD	Bluetooth	✓
Panel type	IPS	WWAN	Upgradable
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	250 cd/m ²	HDMI ports quantity *	1
Pixel density	141 ppi	HDMI version	2.1
RGB colour space	NTSC	Thunderbolt 4 ports quantity	2
Colour gamut	45%	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	700:1	PowerShare	✓
Processor		Number of USB ports with PowerShare support	1
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel Core Ultra 7	Pointing device	Touchpad
Processor generation	Intel® Core™ Ultra (Series 1)	Keyboard language	Belgian
Processor model *	155U		
Processor cores	12		
Processor threads	14		
Processor boost frequency	4.8 GHz		
Performance cores	2		

Processor		Keyboard	
Efficient cores	8	Numeric keypad *	✓
Low Power Efficient-cores	2	Keyboard backlit	✓
Performance-core Max Turbo Frequency	4.8 GHz	Keyboard number of keys	100
Efficient-core Max Turbo Frequency	3.8 GHz	Copilot key	✓
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Software	
Performance-core base frequency	1.7 GHz	Operating system architecture	64-bit
Efficient-core base frequency	1.2 GHz	Operating system language	German, Dutch, English, French, Italian
Low Power Efficient-core Base Frequency	700 MHz	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor cache	12 MB	Operating system installed *	Windows 11 Pro
Processor cache type	Smart Cache	Microsoft Copilot	✓
Processor base power	15 W	Copilot+ PC	✓
Maximum turbo power	57 W	Battery	
Neural processor unit (NPU)		Number of battery cells	3
Neural processor unit (NPU)	Intel AI Boost	Battery capacity *	54 Wh
Maximum frequency NPU	1.4 GHz	Battery voltage	11.4 V
Sparsity support	✓	Battery recharge time	4 h
Windows Studio effects support	✓	Fast charging	✓
AI datatype support on NPU	FP16, FP32, Int8	Battery weight	220 g
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Power	
Memory		AC adapter power	65 W
Internal memory *	16 GB	AC adapter frequency	50/60 Hz
Internal memory type	DDR5-SDRAM	AC adapter input voltage	100 - 240 V
Memory form factor	SO-DIMM	USB Type-C charging port *	✓
Memory layout (slots x size)	2 x 8 GB	USB Power Delivery (USB PD)	✓
Memory slots	2x SO-DIMM	Security	
Maximum internal memory *	64 GB	Cable lock slot	✓
Memory data transfer rate	5600 MT/s	Cable lock slot type	Wedge
Storage		Fingerprint reader	✓
Total storage capacity *	512 GB	Smart card reader	✓
Storage media *	SSD	Face recognition	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	512 GB	Dell ControlVault	✓
SSD memory type	TLC	Operational conditions	
SSD interface	PCI Express 4.0	Operating temperature (T-T)	0 - 35 °C
NVMe	✓	Storage temperature (T-T)	-40 - 65 °C
SSD form factor	M.2	Operating relative humidity (H-H)	10 - 90%
M.2 SSD size	2230 (22 x 30 mm)	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Operating altitude	-15.2 - 3048 m
Card reader integrated	✓	Non-operating altitude	-15.2 - 10668 m
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating shock	110 G
Graphics		Non-operating shock	160 G
Discrete graphics card model *	Not available	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card model *	Intel Graphics	Sustainability certificates	EPEAT Climate +, EPEAT Gold
Audio		Weight & dimensions	
Audio system	MaxxAudio	Width	357.8 mm
Number of built-in speakers	2	Depth	233.3 mm
Speakers manufacturer	Waves	Height (front)	2.08 cm
Speaker power	2 W	Height (rear)	2.28 cm
Built-in microphone	✓	Weight *	1.62 kg

Audio		Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	129
Camera		Carbon emissions, manufacturing (kg of CO2e)	95
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	4
Front camera resolution (numeric)	2.07 MP	Carbon emissions, energy usage (kg of CO2e)	28
Front camera resolution	1920 x 1080 pixels	Carbon emissions, end-of-life (kg of CO2e)	2
Front camera HD type	Full HD	Total carbon emissions, w/o use phase (kg of CO2e)	101
Video capturing speed	30 fps	PAIA version	GaBi version 1, 2024
Infrared (IR) camera	✓	Packaging content	
Privacy camera	✓	Cables included	AC
Privacy type	Privacy shutter		



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