



DELL Latitude 7455 Copilot+ PC Snapdragon X1P-64-100 Laptop 35.6 cm (14") Touchscreen Quad HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro German Grey

Brand : DELL

Product family: Latitude

Product code: R0K5N

Product name : 7455

DELL Latitude 7455. Product type: Laptop, Form factor: Clamshell. Processor family: Snapdragon, Processor model: X1P-64-100, Processor frequency: 3.4 GHz. Display diagonal: 35.6 cm (14"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Network	
Product type *	Laptop	WLAN controller model	Qualcomm FastConnect 7800
Product colour *	Grey	WLAN controller manufacturer	Qualcomm
Form factor *	Clamshell	Bluetooth	✓
Display		Ports & interfaces	
Display diagonal *	35.6 cm (14")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display resolution *	2560 x 1600 pixels	USB4 Gen 3x2 ports quantity	2
Touchscreen *	✓	Combo headphone/mic port	✓
HD type	Quad HD+	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	Performance	
Display technology marketing name	ComfortView Plus	Ambient light sensor	✓
LED backlight	✓	Hall sensor	✓
Native aspect ratio	16:10	Keyboard	
Anti-glare screen	✓	Pointing device	Touchpad
Display brightness	400 cd/m²	Numeric keypad *	✗
RGB colour space	sRGB	Keyboard backlit	✓
Colour gamut	100%	Keyboard number of keys	83
Low Blue Light technology	✓	Keyboard language	German
Maximum refresh rate	60 Hz	Copilot key	✓
Contrast ratio (typical)	1000:1	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Qualcomm	Microsoft Copilot	✓
Processor family *	Snapdragon	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor generation	Snapdragon X Plus	Operating system installed *	Windows 11 Pro
Processor model *	X1P-64-100	Brand-specific features	
Processor cores	10	Brand specific technologies	Express Charge Boost capable, ExpressSign-In, Intelligent Privacy, TNR
Processor frequency *	3.4 GHz	Battery	
Performance cores	6	Battery technology	Lithium Polymer (LiPo)
Efficient cores	4		
Performance-core Max Turbo Frequency	3.4 GHz		
Processor cache	42 MB		
Neural processor unit (NPU)			
Copilot+ PC	✓		

Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	Qualcomm Hexagon	Number of battery cells	3
NPU performance up to	45 TOPs	Battery capacity *	54 Wh
Memory		Battery voltage	11.4 V
Internal memory *	16 GB	Battery recharge time	3 h
Internal memory type	LPDDR5x-SDRAM	Fast charging	✓
Memory form factor	On-board	Battery charge indicator	✓
Maximum internal memory *	16 GB	Battery weight	220 g
Memory data transfer rate	8448 MT/s	Power	
Storage		AC adapter power	65 W
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	USB charging voltage	5,9,15,20 V
SSD capacity	512 GB	USB charging current	3.25 A
SSD memory type	TLC	Security	
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
M.2 SSD size	2230 (22 x 30 mm)	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 35 °C
Card reader integrated	✓	Storage temperature (T-T)	-30 - 65 °C
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	Not available	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating shock	110 G
On-board graphics card model *	Qualcomm Adreno GPU	Non-operating shock	160 G
Audio		Operating vibration	0.66 G
Audio chip	Qualcomm WCD9385	Non-operating vibration	1.3 G
Number of built-in speakers	4	Sustainability	
Speaker power	2 W	Sustainability certificates	ENERGY STAR
Built-in microphone	✓	Weight & dimensions	
Number of microphones	2	Width	314 mm
Camera		Depth	223.8 mm
Front camera	✓	Height (front)	1.47 cm
Front camera resolution (numeric)	2.07 MP	Height (rear)	1.56 cm
Front camera resolution	1920 x 1080 pixels	Weight *	1.44 kg
Front camera HD type	Full HD	Carbon footprint	
Video capturing speed	30 fps	Total carbon footprint (kg of CO2e)	133
Infrared (IR) camera	✓	Carbon emissions, manufacturing (kg of CO2e)	102.809
Privacy camera	✓	Carbon emissions, logistics (kg of CO2e)	4.389
Privacy type	Privacy shutter	Carbon emissions, energy usage (kg of CO2e)	23.807
Network		Carbon emissions, end-of-life (kg of CO2e)	1.995
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	PAIA version	GaBi version 1, 2024
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)	Packaging content	
Mobile network connection *	✗	Cables included	AC
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)		
Wi-Fi data rate (max)	5760 Mbit/s		
Antenna type	2x2		



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