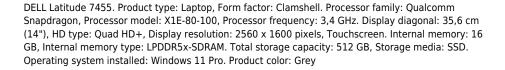# DELL Latitude 7455 Qualcomm Snapdragon X1E-80-100 Laptop 35,6 cm (14") Touchscreen Quad HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Brand : DELL   **Product family:** Latitude   **Article code:** 7MRY2

Product name : 7455

DELL Latitude 7455. Product type: Laptop, Form factor: Clamshell. Processor family: Qualcomm Snapdragon, Processor model: X1E-80-100, 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 color: Grey

Design	
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✔
HD type	Quad HD+
Panel type	WVA
Display technology marketing name	ComfortView Plus
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	400 cd/m²
RGB colour space	sRGB
Colour gamut	100%
Low Blue Light technology	✔
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1000:1

Processor	
Processor manufacturer *	Qualcomm
Processor family *	Qualcomm Snapdragon
Processor generation	Snapdragon X Elite (X1E)
Processor model *	X1E-80-100
Processor cores	12
Processor boost frequency	4 GHz
Processor frequency *	3.4 GHz

Network	
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)
Mobile network connection *	✖
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Wi-Fi data rate (max)	5760 Mbit/s
Antenna type	2x2
WLAN controller model	Qualcomm FastConnect 7800
WLAN controller manufacturer	Qualcomm
Bluetooth	✔

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB4 Gen 3x2 ports quantity	2
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance	
Ambient light sensor	✔
Hall sensor	✔

Keyboard	
Pointing device	Touchpad
Keyboard language	French
Numeric keypad *	✖
Keyboard backlit	✔
Keyboard number of keys	80
Copilot key	✔

Processor

Performance cores	8
Efficient cores	4
Processor cache	42 MB

Neural processor unit (NPU)

Neural processor unit (NPU)	Qualcomm Hexagon
NPU performance up to	45 TOPs

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	16 GB
Memory data transfer rate	8448 MT/s

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD memory type	TLC
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card model *	Qualcomm Adreno GPU

Audio

Audio chip	Qualcomm WCD9385
Number of built-in speakers	4
Speaker power	2 W
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera resolution (numeric)	2.07 MP
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Video capturing speed	30 fps
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 7 (802.11be)

Software

Operating system architecture	64-bit
Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed *	Windows 11 Pro
Microsoft Copilot	✔

Brand-specific features

Brand specific technologies	Express Charge Boost capable

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	3
Battery capacity *	54 Wh
Battery voltage	11.4 V
Battery recharge time	3 h
Fast charging	✔
Battery charge indicator	✔
Battery weight	220 g

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Power Delivery (USB PD) *	✔
USB charging voltage	5,9,15,20 V
USB charging current	3.25 A

Security

Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-30 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0.66 G
Non-operating vibration	1.3 G

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	314 mm
Depth	223.8 mm
Height (front)	1.47 cm
Height (rear)	1.56 cm
Weight *	1.44 kg

Packaging content

Cables included	AC

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