DELL Latitude 5455 Qualcomm Snapdragon X1P-64-100 Laptop 35.6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Brand : DELL **Product family:** Latitude **Product code:** 91Y2N

Product name : 5455

- Windows 11 Pro 64-bit
- Qualcomm Snapdragon X1P-64-100 (42MB Cache, 3.4GHz)
- 35.6 cm (14") Full HD+ 1920 x 1200 WVA
- 16GB LPDDR5x-SDRAM & 512GB SSD
Qualcomm Snapdragon X1P-64-100 (42MB Cache, 3.4GHz), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200 WVA, Qualcomm Adreno GPU, WLAN, Webcam, Windows 11 Pro 64-bit

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Get game-changing performance, groundbreaking battery life, and next-generation AI capabilities with Snapdragon® X Series on Latitude 5455.
DELL Latitude 5455. Product type: Laptop, Form factor: Clamshell. Processor family: Qualcomm Snapdragon, Processor model: X1P-64-100, Processor frequency: 3.4 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Qualcomm Adreno GPU. Operating system installed: Windows 11 Pro. Product colour: Grey

Design

Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Housing material	Aluminium

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	Full HD+
Panel type	WVA
LED backlight	✓
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	300 cd/m²
Pixel density	162 ppi
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	600:1

Processor

Processor manufacturer *	Qualcomm
Processor family *	Qualcomm Snapdragon
Processor generation	Snapdragon X Plus (X1P)
Processor model *	X1P-64-100
Processor cores	10
Processor frequency *	3.4 GHz
Performance cores	6
Efficient cores	4

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	✓
Charging port type	USB Type-C
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Performance

Ambient light sensor	✓

Keyboard

Pointing device	Touchpad
Keyboard language	UK English
Numeric keypad *	✗
Keyboard backlit	✓
Keyboard number of keys	83
Copilot key	✓

Processor

Performance-core Max Turbo Frequency	3.4 GHz
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	2
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
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

Brand-specific features

Brand specific technologies	ExpressSign-In, Intelligent Privacy, TNR

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	3
Battery capacity *	54 Wh
Battery voltage	11.4 V
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 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

Certificates

Compliance certificates	EcoDesign

Weight & dimensions

Width	314 mm
Depth	223.8 mm
Height	17.9 mm
Height (front)	1.51 cm
Height (rear)	1.6 cm
Weight *	1.53 kg

Packaging content

Cables included	AC

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