

Dell Latitude 7455 - AI Ready - 14" - Qualcomm Snapdragon X Elite - X1E-80-100 - 32 GB RAM - 512 GB SSD(DFRKR)

Dell Latitude 7455 - Snapdragon X Elite - X1E-80-100 / up to 4 GHz - Win 11 Pro - Qualcomm Adreno - 32 GB RAM - 512 GB SSD NVMe, TLC - 14" IPS touchscreen 2560 x 1600 (QHD+) - Wi-Fi 7 - grey - BTP - with 3 Years Basic Onsite



Discover the Dell Latitude 7455, a laptop designed to meet the demands of professionals seeking performance, security, and durability. With its 12-core processor, this laptop offers performance, enabling users to multitask efficiently and run demanding applications smoothly. The Latitude 7455 stands out with its connectivity options, including support for comprehensive wireless protocols and Bluetooth, ensuring seamless communication and data transfer. Security is paramount, and with the integrated fingerprint reader, users can enjoy enhanced protection for their data. The laptop's durability is assured through its shock and vibration tolerance, making it reliable in various working conditions. Additionally, the LED widescreen display and Full HD webcam provide vivid visuals and clear video calls, enhancing the overall user experience. Whether for work or play, the Dell Latitude 7455 is engineered to exceed expectations.

Key Selling Points

- 12-core processor for efficient multitasking
- Comprehensive wireless protocols and Bluetooth for connectivity
- LED widescreen display for vivid visuals
- Fingerprint reader for enhanced security
- Shock and vibration tolerance for durability

Product Features

- Enhanced security**
Equipped with a fingerprint reader, this Dell Latitude 7455 ensures secure access and enhanced protection for your data, making it an ideal choice for professionals on-the-go.
- Robust performance**
Powered by a 12-core processor, the Dell Latitude 7455 delivers performance to handle multitasking and demanding applications with ease, ensuring a smooth and efficient workflow.
- Superior connectivity**
With comprehensive wireless protocol support including 802.11a/b/g/n/ac/ax/be and Bluetooth, this laptop offers connectivity options for seamless communication and data transfer.
- Durable design**
Designed to withstand the rigors of daily use, the Dell Latitude 7455 features shock and vibration tolerance, ensuring reliability and durability in various working conditions.
- Vivid visuals**
The LED widescreen display of the Dell Latitude 7455, combined with a Full HD webcam capable of 30 frames per second, offers vivid visuals and clear, smooth video calls, enhancing your viewing and communication experience.

Main Specifications

Product Description	Dell Latitude 7455 - AI Ready - 14" - Qualcomm Snapdragon X Elite - X1E-80-100 - 32 GB RAM - 512 GB SSD
Product Type	Notebook - AI Ready
Operating System	Win 11 Pro
Processor	Qualcomm Snapdragon X Elite X1E-80-100 / 3.4 GHz, up to 4 GHz / 42 MB Cache
Neural Processor Unit (NPU)	Qualcomm Hexagon - up to 45 TOPS
Memory	32 GB LPDDR5X (provided memory is soldered)
Storage	512 GB SSD - NVMe, TLC
Display	14" touchscreen 2560 x 1600 / QHD+ @ 60 Hz - 215.63 ppi

Graphics	Qualcomm Adreno - up to 3.8 TOPS
Keyboard Backlight	Yes
Integrated Webcam	Yes
Copilot+ PC	Yes
Networking	Bluetooth, 802.11a/b/g/n/ac/ax/be
Battery	3-cell
Features	Ambient light sensor, hall sensor, lid-open sensor
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Grey
Dimensions (WxDxH)	31.4 cm x 22.375 cm x 1.69 cm
Weight	1.44 kg
Pricing Type	Build To Plan (BTP)
Manufacturer Selling Program	Dell Smart Selection
Environmental Standards	ENERGY STAR Qualified EPEAT Gold, EPEAT Climate+
Carbon Footprint	133 kg carbon emissions
Specific Absorption Rate (SAR)	0.303 W/kg (body) † 0.303 W/kg (limb)
Bundled Services	3 Years Basic Onsite

Extended Specification

General

Product Type	Notebook - AI Ready
Operating System	Windows 11 Pro

Memory

RAM	32 GB (provided memory is soldered)
Technology	LPDDR5X SDRAM
Speed	8448 MT/s
Rated Speed	8448 MT/s

Manufacturer Warranty

Bundled Services	3 Years Basic Onsite
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Storage

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

Colour	Grey
Integrated Options	Ambient light sensor, hall sensor, lid-open sensor
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	ExpressCharge, ExpressChargeBoost, EcoDesign
Included Accessories	USB-C power adapter
Compliant Standards	FIPS 140-2, TCG Certified
Specific Absorption Rate (SAR)	0.303 W/kg (body) † 0.303 W/kg (limb)
Pricing Type	Build To Plan (BTP)
Manufacturer Selling Program	Dell Smart Selection

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	Dell Additional Softwares, Activate your Microsoft 365 for a 30 day trial
Copilot+ PC	Yes

Display

Type	14" - IPS
Touchscreen	Yes
Resolution	2560 x 1600 (QHD+)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Pixel Density (ppi)	215.63
Image Brightness	400 cd/m²
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Colour Gamut	100% sRGB
Features	Anti-glare, 35 ms response rate, 0.1178 mm pixel pitch

Battery

Technology	3-cell Lithium Ion
Weight	220 g
Capacity	54 Wh

Communications

Wireless	Bluetooth, 802.11a/b/g/n/ac/ax/be
Wireless Controller	Qualcomm FastConnect 7800
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	31.4 cm x 22.375 cm x 1.69 cm
Weight	1.44 kg

Processor / Chipset

CPU	Qualcomm Snapdragon X Elite X1E-80-100 / 3.4 GHz
Max Turbo Speed	4 GHz
Number of Cores	12-core
Cache	42 MB

Audio & Video

Graphics Processor	Qualcomm Adreno - up to 3.8 TOPS
Camera	Yes - 1920 x 1080 (standard), 1280 x 720 (infrared)
Resolution	2.07 Megapixel (standard), 0.92 Megapixel (infrared)
Image Sensor Type	CMOS
Video Resolutions	1280 x 720, 1920 x 1080
Frame Rate	30 frames per second

Camera Features	IR camera, RGB camera, Temporal Noise Reduction, 86.6 degrees (IR camera), Express Sign-In, Intelligent Privacy, 80.2 degrees, camera shutter
Sound	Two tweeters, two woofers, dual array microphone
Codec	Qualcomm WCD9385

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Features	AI hotkey, 83-key

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt, 5 / 9 / 15 / 20 V

Connections & Expansion

Interfaces Details	2 x USB-C (supports DisplayPort 1.4a Alt Mode) (Power Delivery) USB 3.2 Gen 1 Headphone/microphone combo jack
Memory Card Reader	Yes (microSD, microSDHC, microSDXC)

Sustainability Information

EPEAT Compliant	EPEAT Gold
EPEAT Climate+	Yes
ENERGY STAR Certified	Yes
Carbon Footprint	133 kg carbon emissions
Manufacturing (kg CO2e)	102.809
Logistics (kg CO2e)	4.389
Use (kg CO2e)	23.807
EOL (kg CO2e)	1.995
Total Carbon w/o Use Phase (kg CO2e)	109
PAIA Version	GaBi version 1, 2024

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Qualcomm Hexagon
NPU Performance Up To (TOPS)	45 TOPS

What's in the box

Dell Latitude 7455
USB-C power adapter

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