

# LATITUDE 7455

## Supercharge your workflow

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The Latitude 7455 powered by Snapdragon® X Series with on-device AI supercharges your workflow. Accelerate productivity and spend more time innovating with game-changing performance and groundbreaking battery life.



### Work from anywhere

Stay productive wherever your work takes you with our thinnest Latitude laptop ever<sup>1</sup> featuring a durable three-piece aluminum body that looks sleek and professional from every angle. Stay connected to your colleagues with Qualcomm FastConnect Wi-Fi 7<sup>2</sup> and optional 5G.<sup>3</sup>

### Easy collaboration

Quad speakers provide loud and clear audio and AI-based noise reduction keeps conversations focused.

### Premium display

Give your work the space it deserves on a 16:10 screen and see it all clearly with crisp QHD+ resolution. With ComfortView Plus, which is TUV-certified to reduce harmful blue light, you can keep your eyes comfortable while you work. A touchscreen allows you to interact with your device using natural movements.

### Focused on sustainability

The Latitude 7455's chassis is designed with low emissions and recycled aluminum,<sup>4</sup> and this year, the device will ship with 50% recycled cobalt in the battery.<sup>5</sup> Meets the highest environmental standards for energy efficiency and climate impact with EPEAT Gold with Climate+ and ENERGY STAR 8.0® certifications.<sup>6</sup>

FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER <sup>1</sup>	Latitude 7455 (laptop)
CHASSIS MATERIAL & COLOR	Aluminum (50% Recycled, 100% Low Carbon), Titan Gray
DISPLAY <sup>1</sup>	14.0" 16:10 QHD+, (2560x1600), IPS, Touch, 400 nits, sRGB 100%, Anti-glare, Battery-saving, ComfortView Plus Low Blue Light
PROCESSOR OPTIONS <sup>1</sup>	Qualcomm® Snapdragon® X Elite X1E-80-100 (12 cores up to 3.4 GHz, Dual-Core Boost up to 4.0 GHz, NPU up to 45 TOPS) Qualcomm® Snapdragon® X Plus X1P-64-100 (10 cores up to 3.4GHz, NPU up to 45 TOPS)
AI ACCELERATOR <sup>1</sup>	This Latitude system features a neural processing unit (NPU) with over 40 TOPS on NPU alone. An NPU is a microprocessor that specializes in the acceleration of machine learning tasks. NPU helps to offset the resources from CPU and/or GPU, consumes low power and improves resource utilization when processing massive multimedia data such as video and images. AI accelerator supports Copilot in Windows as well as other software features built for NPU.
CHIPSET <sup>1</sup>	Integrated with the processor
OPERATING SYSTEM <sup>1</sup>	Microsoft® Windows 11 ARM Home 64-bit Microsoft® Windows 11 ARM Pro 64-bit*
GRAPHICS <sup>1,3</sup>	Next Gen Adreno 740 UMA Graphics GPU
MEMORY OPTIONS <sup>1</sup>	Up to 32 GB LPDDR5x SDRAM 8448 MT/s (on board)
STORAGE OPTIONS <sup>1,7</sup>	Up to 1 TB, M.2 2230, PCIe Gen4 NVMe, SSD
SECURITY <sup>1,13</sup>	Hardware TPM 2.0 FIPS-140-2 Certified / TCG Certified Pluton security processor Chassis intrusion switch - Remotely detects hardware tampering and is integrated with Dell SafeBIOS Indicators of Attack. Optional Windows Hello compliant fingerprint reader in power button Face IR camera (Windows Hello compliant) Camera Shutter Optional Security Hardware Authentication Bundles Touch Fingerprint Reader (in Power Button) with Control Vault 3.0+ Advanced Authentication with FIPS 140-2 Level 3 Certification
DOCKING <sup>1</sup>	(Docks are optional, sold separately) Dell Thunderbolt™ Dock - WD22TB4 Dell Performance Dock - WD19DCS Dell USB-C Dock - WD19S Dell Universal Dock - UD22 Dell Dual Charge Dock - HD22Q
CONNECTIVITY OPTIONS <sup>1,3</sup>	Microsoft Modern Standby Compliant <b>Wireless LAN Options*:</b> Qualcomm® FastConnect 7800 Wi-Fi 7 WCN7851, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.4 wireless card <b>Mobile Broadband Options*<sup>9</sup>:</b> 5G - Qualcomm® Snapdragon™ X62 Global 5G (DW5932e), eSIM, AT&T, T-Mobile, Verizon
CAMERA OPTIONS <sup>1</sup>	FHD IR Camera (HDR available post launch) Experiences: Windows Hello, low light capability + Temporal Noise Reduction, Proximity Sensor + Camera Shutter
AUDIO & SPEAKERS <sup>1</sup>	2 x top firing premium speakers, 2 x bottom firing premium speakers Qualcomm® Aqstic™ Speaker Max technology Intelligent Audio with Neural Noise Cancelation, PC as a Speakerphone, AI noise reduction, Fluence Audio
MICROPHONE <sup>1</sup>	2 x Noise Canceling Microphones
BATTERY OPTIONS <sup>1,6</sup>	3 cell 54 Wh, Li-ion, ExpressCharge 1.0™ 3 cell 54 Wh, Li-ion, ExpressCharge 1.0™, Long Life Cycle, 3-year limited hardware warranty
POWER OPTIONS <sup>1</sup>	65W AC adapter, USB Type-C, EcoDesign
PORTS, SLOTS, & CHASSIS <sup>1</sup>	2 x USB Type-C USB 4.0 with Power Delivery & DisplayPort 2.1 1x USB 3.2 Gen 1 with Power share 1x Optional external uSIM card tray (WWAN only) 1x Optional Touch Fingerprint Reader in Power Button 1x Universal Audio jack 1x Micro SD Reader
TOUCHPAD <sup>1</sup>	Precision Clickpad with multi-touch gesture support
INPUT <sup>1</sup>	10-Finger Touch Display Spill Resistant Backlit Keyboard
SENSORS <sup>1</sup>	Accelerometer Windows Hello Sign In (via Camera-based proximity)
DIMENSIONS & WEIGHT <sup>1,15</sup>	Width: 314 mm / 12.36 in Height: 16.9 mm / 0.67 in Depth: 223.75 mm / 8.81 in Screen to Body: 85.63% Laptop Starting Weight: 1.44 kg / 3.17 lbs.
WHAT'S IN THE BOX <sup>1</sup>	Laptop Adapter of your choice Power Cable Documentation - Quick Start Guide

### Important Details

Snapdragon: Snapdragon is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Snapdragon is a trademark or registered trademark of Qualcomm Incorporated

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1. Based on Dell analysis, April 2024.
2. Wi-Fi 7 certified products will roll out in accordance with the Wi-Fi Alliance certification schedule throughout 2024. WiFi 7 requires the latest Wi-Fi Alliance certification, Windows HLK certified device driver, hardware update, supported Windows OS version and compatible router. Wi-Fi 7/6E connectivity (6 GHz) with Windows 11 is limited and will leverage prior generation of Wi-Fi 6E/Wi-Fi 6 speeds until drivers are available and hardware adoption increases. Ubuntu OS will not support Wi-Fi 7 and will operate on WiFi 6E/6 speeds when configured for WiFi 7. Router requires a separate purchase. Wi-Fi 7/6E (6 GHz) connectivity is only available in select locations. Check availability with your service provider. The Bluetooth wireless card version may vary depending on the operating system that is installed on your computer.
3. Mobile Broadband subject to service provider's broadband subscription and coverage area; additional charges apply. eSim technology subject to regional carrier/service provider availability & service provider's data plan subscription; additional charges apply. Check availability with your service provider.
4. Lid designed with 50% low emissions and 50% recycled aluminum. Bottom cover and palm rest are designed with 100% low emissions aluminum. Based on internal analysis, May 2024.
5. Based on internal analysis, May 2024. Applies to the 54Whr battery.
6. Based on internal analysis, May 2024. Based on EPEAT Climate+ Designations achieved in all applicable countries. EPEAT registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status and tier levels.

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1. Offering may vary by country and by configuration and Operating System
3. 3 GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
6. The stated Watt Hour (Whr) is not an indication of battery life. Express Charge 1.0 (EC1.0) enables quick battery charging to 80% capacity in 60 min or 100% capacity in 120min. Express Charge 2.0 (EC2.0) enables quick battery charging to 80% capacity in 35min. Express Charge Boost (ECB) enables quick battery charging to 35% capacity in 20min. Charging patterns for EC1.0, EC2.0 and ECB are measured for the system in the shutdown state. Long life cycle battery has the charging pattern to enable longer life. Long-life cycle battery is capable of 3 years life, or 1000 discharge/charge cycles and Dell provides 3 years limited hardware warranty for this battery.
7. Requires Wyse Management Suite Pro. Requires Dell ThinOS (2303 or above) activation license with Wyse Management Suite Pro and Dell ProSupport for Software seat license sold separately. The Latitude All-in-One systems need to be configured with 8 GB Memory, 128 GB or higher capacity SSD/HDD and Ubuntu Linux with Dell Client Agent Enabler (DCA-Enabler). For more details, refer to the Dell ThinOS Installation and ThinOS Activation License User Guide on [www.dell.com/support](http://www.dell.com/support)
8. Wi-Fi 7/6e which has the 6GHz band requires Windows 11 Operating system and compatible router. Router requires a separate purchase. WiFi 7/6E (6GHz) connectivity is only available in select locations. Check availability with your service provider. The Wi-Fi 7 card will operate on Wi-Fi 6E/6 speeds when Wi-Fi 7 is unavailable. Drivers for Wi-Fi 7 will be available mid-2024 (Win11 24H2 update). Dates are subject to change without notice. Ubuntu OS will not support Wi-Fi 7 and will operate on WiFi 6/6E speeds when configured for WiFi7. The Bluetooth wireless card version may vary depending on the operating system that is installed on your computer.
10. Mobile Broadband antenna and module (for 2-in-1 devices) available only at time of system purchase. Mobile Broadband subject to service provider's broadband subscription and coverage area; additional charges apply. eSim technology subject to regional carrier/service provider availability & service provider's data plan subscription; additional charges apply. Check availability with your service provider.
13. Significant system memory may be used to support graphics, depending on system memory size and other factors.
15. Weights vary depending on configuration and manufacturing variability.