



## DELL Latitude 7650 Intel Core Ultra 5 135U Kannettava tietokone 40,6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Harmaa

**Tuotemerkki** : DELL

**Tuoteperhe**: Latitude

**Tuotekoodi**: C4N2M

**Tuotteen nimi** : 7650



DELL Latitude 7650. Tuotetyyppi: Kannettava tietokone, Kotelo: Simpukka. Suoritinperhe: Intel Core Ultra 5, Processorimalli: 135U. Näytön halkaisija: 40,6 cm (16"), HD-tyyppi: Full HD+, Näytön erottelutarkkuus: 1920 x 1200 pikseliä. Sisäinen muisti: 16 GB, Sisäisen muistin tyyppi: LPDDR5x-SDRAM. Kokonaistallennuskapasiteetti: 512 GB, Tallennusmedia: SSD. Sisältyvän näytönohjaimen malli: Intel Graphics. Käyttöjärjestelmä asennettu: Windows 11 Pro. Tuotteen väri: Harmaa. Paino: 1,83 kg

Design		Network	
Product type *	Laptop	Antenna type	2x2
Product colour *	Grey	WLAN controller model	Intel Wi-Fi 7 BE200
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Housing material	Aluminium	Ethernet LAN	✗
Intel® vPro™ Platform Eligibility	✓	Bluetooth	✓
Display		Near Field Communication (NFC)	✓
Display diagonal *	40.6 cm (16")	WWAN	Upgradable
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD+	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.1
LED backlight	✓	Thunderbolt 4 ports quantity	2
Native aspect ratio	16:10	Intel® Thunderbolt 4	✓
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	250 cd/m <sup>2</sup>	USB Type-C DisplayPort Alternate Mode	✓
Pixel density	141.5 ppi	Performance	
RGB colour space	NTSC	Ambient light sensor	✓
Colour gamut	45%	Keyboard	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Contrast ratio (typical)	800:1	Keyboard language	Nordic
Processor		Numeric keypad *	✗
Processor manufacturer *	Intel	Keyboard backlight	✓
Processor family *	Intel Core Ultra 5	Keyboard number of keys	80
Processor generation	Intel® Core™ Ultra (Series 1)	Copilot key	✓
Processor model *	135U		
Processor cores	12		
Processor threads	14		

Processor		Software	
Processor boost frequency	4.4 GHz	Operating system architecture	64-bit
Performance cores	2	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Efficient cores	8	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Low Power Efficient-cores	2	Operating system installed *	Windows 11 Pro
Performance-core Max Turbo Frequency	4.4 GHz	Microsoft Copilot	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Copilot+ PC	✓
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	<b>Brand-specific features</b>	
Performance-core base frequency	1.6 GHz	Brand specific technologies	Battery-saving Mini-LED
Efficient-core base frequency	1.1 GHz	<b>Battery</b>	
Low Power Efficient-core Base Frequency	700 MHz	Number of battery cells	3
Processor cache	12 MB	Battery capacity *	57 Wh
Processor cache type	Smart Cache	Battery voltage	11.4 V
Processor base power	15 W	Battery recharge time	4 h
Maximum turbo power	57 W	Fast charging	✓
<b>Neural processor unit (NPU)</b>		Battery charge indicator	✓
Neural processor unit (NPU)	Intel AI Boost	Battery weight	227 g
Maximum frequency NPU	1.4 GHz	<b>Power</b>	
Sparsity support	✓	AC adapter power	65 W
Windows Studio effects support	✓	AC adapter frequency	50 - 60 Hz
AI datatype support on NPU	FP16, FP32, Int8	AC adapter input voltage	100 - 240 V
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	USB Type-C charging port *	✓
<b>Memory</b>		USB Power Delivery (USB PD)	✓
Internal memory *	16 GB	USB charging voltage	20,5,9,15 V
Internal memory type	LPDDR5x-SDRAM	USB charging current	3.25 A
Memory form factor	On-board	<b>Security</b>	
Maximum internal memory *	16 GB	Cable lock slot	✓
Memory channels	Dual-channel	Cable lock slot type	Wedge
Memory data transfer rate	6400 MT/s	Fingerprint reader	✓
<b>Storage</b>		Smart card reader	✓
Total storage capacity *	512 GB	Face recognition	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	<b>Operational conditions</b>	
SSD capacity	512 GB	Operating temperature (T-T)	0 - 35 °C
SSD memory type	TLC	Storage temperature (T-T)	-40 - 65 °C
SSD interface	PCI Express 4.0	Operating relative humidity (H-H)	10 - 90%
NVMe	✓	Storage relative humidity (H-H)	0 - 95%
SSD form factor	M.2	Operating altitude	-15.2 - 3048 m
M.2 SSD size	2230 (22 x 30 mm)	Non-operating altitude	-15.2 - 10668 m
Optical drive type *	✗	Operating shock	110 G
<b>Graphics</b>		Non-operating shock	160 G
Discrete graphics card model *	Not available	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	<b>Sustainability</b>	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card model *	Intel Graphics	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold, TCO
<b>Audio</b>		<b>Weight &amp; dimensions</b>	
Audio chip	Realtek ALC3281	Width	358 mm
Audio system	High Definition Audio	Depth	250.4 mm
Number of built-in speakers	4	Height (front)	1.84 cm
Speaker power	2 W	Height (rear)	1.95 cm
Built-in microphone	✓	Weight *	1.83 kg

Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	122
Front camera resolution	1920 x 1080 pixels	Carbon emissions, manufacturing (kg of CO2e)	95
Front camera HD type	Full HD	Carbon emissions, logistics (kg of CO2e)	6
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	19
Infrared (IR) camera	✓	Carbon emissions, end-of-life (kg of CO2e)	3
Privacy camera	✓	Total carbon emissions, w/o use phase (kg of CO2e)	103
Privacy type	Privacy shutter	PAIA version	GaBi version 1, 2024
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Cables included	AC
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 *	✗		



5397184873694

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 27-FEB-2025. Prints or copies of Information are only valid on the printed Publication date