



DELL Latitude 7650 Intel Core Ultra 7 155U Sülearvuti 40,6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Hall

Brand : DELL

Product family: Latitude

Product code:
N002L765016EMEA_VP

Product name : 7650

DELL Latitude 7650. Toote tüüp: Sülearvuti, Toote kuju: Kokkukäiv. Protsessori perekond: Intel Core Ultra 7, Protsessori mudel: 155U. Ekraani diagonaal: 40,6 cm (16"), HD tüüp: Full HD+, Ekraani resolutsioon: 1920 x 1200 pikslit. Sisemälu: 16 GB, Sisemälu tüüp: LPDDR5x-SDRAM. Salvestusmaht kokku: 512 GB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel Graphics. Installitud operatsioonisüsteem: Windows 11 Pro. Toote värv: Hall. Kaal: 1,83 kg



Design		Camera	
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Grey	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display		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)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
Touchscreen *	✗	WLAN controller model	Intel Wi-Fi 7 BE200
HD type	Full HD+	WLAN controller manufacturer	Intel
Panel type	IPS	Ethernet LAN	✗
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	250 cd/m²	HDMI ports quantity *	1
Pixel density	141.5 ppi	HDMI version	2.1
RGB colour space	NTSC	Thunderbolt 4 ports quantity	2
Colour gamut	45%	Intel® Thunderbolt 4	✓
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	800:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		Performance	
Processor manufacturer *	Intel	Ambient light sensor	✓
Processor family *	Intel Core Ultra 7	Keyboard	
Processor generation	Intel® Core™ Ultra (Series 1)	Pointing device	Touchpad
Processor model *	155U	Numeric keypad *	✗
Processor cores	12		
Processor threads	14		
Processor boost frequency	4.8 GHz		
Performance cores	2		
Efficient cores	8		

Processor		Keyboard	
Low Power Efficient-cores	2	Keyboard backlit	✓
Performance-core Max Turbo Frequency	4.8 GHz	Software	
Efficient-core Max Turbo Frequency	3.8 GHz	Operating system architecture	64-bit
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Trial software	Microsoft Office Trial, McAfee Business Protection 1-year
Performance-core base frequency	1.7 GHz	Operating system installed *	Windows 11 Pro
Efficient-core base frequency	1.2 GHz	Battery	
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	✓
Neural processor unit (NPU)		Battery charge indicator	✓
Neural processor unit (NPU)	Intel AI Boost	Battery weight	227 g
Maximum frequency NPU	1.4 GHz	Power	
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 *	✓
Memory		USB Power Delivery (USB PD)	✓
Internal memory *	16 GB	Security	
Internal memory type	LPDDR5x-SDRAM	Cable lock slot	✓
Memory form factor	On-board	Cable lock slot type	Wedge
Maximum internal memory *	16 GB	Fingerprint reader	✓
Memory channels	Dual-channel	Trusted Platform Module (TPM)	✓
Memory data transfer rate	6400 MT/s	Trusted Platform Module (TPM) version	2.0
Storage		Operational conditions	
Total storage capacity *	512 GB	Operating temperature (T-T)	0 - 35 °C
Storage media *	SSD	Storage temperature (T-T)	-40 - 65 °C
Total SSDs capacity	512 GB	Operating relative humidity (H-H)	10 - 90%
Number of SSDs installed	1	Storage relative humidity (H-H)	0 - 95%
SSD capacity	512 GB	Operating altitude	-15.2 - 3048 m
SSD interface	PCI Express 4.0	Non-operating altitude	-15.2 - 10668 m
NVMe	✓	Operating shock	110 G
SSD form factor	M.2	Non-operating shock	160 G
Optical drive type *	✗	Operating vibration	0.66 G
Graphics		Non-operating vibration	1.3 G
Discrete graphics card model *	Not available	Sustainability	
On-board graphics card *	✓	Sustainability compliance	✓
On-board GPU manufacturer	Intel	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold, TCO
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card model *	Intel Graphics	Width	358 mm
Audio		Depth	250.4 mm
Audio chip	Realtek ALC3281	Height (front)	1.84 cm
Audio system	High Definition Audio	Height (rear)	1.95 cm
Number of built-in speakers	4	Weight *	1.83 kg
Speaker power	2 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	122
Camera		Carbon emissions, manufacturing (kg of CO2e)	95
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	6
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	19
Front camera HD type	Full HD		
Video capturing speed	30 fps		
Infrared (IR) camera	✓		

Camera		Carbon footprint	
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	3
		Total carbon emissions, w/o use phase (kg of CO2e)	103
		PAIA version	GaBi version 1, 2024
		Packaging content	
		Cables included	AC

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