



DELL Latitude 7650 Intel Core Ultra 7 165U Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Brand : DELL

Product family: Latitude

Product code: F5GTT

Product name : 7650



- Windows 11 Pro 64-bit

- Intel Core Ultra 7 165U (12MB Cache)

- 40.6 cm (16") Full HD+ 1920 x 1200 IPS

- 32GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 7 165U (12MB Cache), 32GB LPDDR5x-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Latitude 7650 Intel Core Ultra 7 165U Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Grey:

Work from anywhere with our most intelligent and secure business laptops sustainably designed for productivity on the go.

DELL Latitude 7650. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 165U. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey. Weight: 1.83 kg



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product colour *	Grey	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)
Form factor *	Clamshell	Mobile network connection *	✗
Housing material	Aluminium	Antenna type	2x2
Intel® vPro™ Platform Eligibility	✓	WLAN controller model	Intel Wi-Fi 7 BE200
Display		WLAN controller manufacturer	Intel
Display diagonal *	40.6 cm (16")	Ethernet LAN	✗
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD+	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS	HDMI ports quantity *	1
LED backlight	✓	HDMI version	2.1
Native aspect ratio	16:10	Thunderbolt 4 ports quantity	2
Anti-glare screen	✓	Intel® Thunderbolt 4	✓
Display brightness	250 cd/m ²	Combo headphone/mic port	✓
Pixel pitch	0.17952 x 0.17952 mm	Charging port type	USB Type-C
Pixel density	141.5 ppi	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	NTSC	USB Power Delivery	✓
Colour gamut	45%	Performance	
Display response rise/fall	35 ms	Ambient light sensor	✓
Maximum refresh rate	60 Hz	Keyboard	
Contrast ratio (typical)	800:1	Pointing device	Touchpad
Processor		Keyboard language	UK English
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel Core Ultra 7	Keyboard backlit	✓
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	165U		
Processor cores	12		

Processor		Keyboard	
Processor threads	14	Keyboard number of keys	80
Processor boost frequency	4.9 GHz	Software	
Performance cores	2	Operating system architecture	64-bit
Efficient cores	8	Operating system language	German, Dutch, English, French, Italian
Low Power Efficient-cores	2	Trial software	No anti-virus software, No Microsoft Office License Included 30 day Trial Offer Only
Performance-core Max Turbo Frequency	4.9 GHz	Operating system installed *	Windows 11 Pro
Efficient-core Max Turbo Frequency	3.8 GHz	Brand-specific features	
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Brand specific technologies	Express Charge Boost capable, ExpressSign-In, HDR Camera, Intelligent Privacy, TNR
Performance-core base frequency	1.7 GHz	Battery	
Efficient-core base frequency	1.2 GHz	Number of battery cells	3
Low Power Efficient-core Base Frequency	700 MHz	Battery capacity *	57 Wh
Processor cache	12 MB	Battery voltage	11.4 V
Processor cache type	Smart Cache	Battery recharge time	4 h
Processor base power	15 W	Fast charging	✓
Maximum turbo power	57 W	Battery charge indicator	✓
Neural processor unit (NPU)		Battery weight	227 g
Neural processor unit (NPU)	Intel AI Boost	Power	
Maximum frequency NPU	1.4 GHz	AC adapter power	65 W
Sparsity support	✓	AC adapter frequency	50 - 60 Hz
Windows Studio effects support	✓	AC adapter input voltage	100 - 240 V
AI datatype support on NPU	FP16, FP32, Int8	USB charging voltage	5,9,15,20 V
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	USB charging current	3.25 A
Memory		Security	
Internal memory *	32 GB	Cable lock slot	✓
Internal memory type	LPDDR5x-SDRAM	Cable lock slot type	Wedge
Memory form factor	On-board	Fingerprint reader	✓
Maximum internal memory *	32 GB	Trusted Platform Module (TPM)	✓
Memory channels	Dual-channel	Trusted Platform Module (TPM) version	2.0
Memory data transfer rate	6400 MT/s	Operational conditions	
Storage		Operating temperature (T-T)	0 - 35 °C
Total storage capacity *	512 GB	Storage temperature (T-T)	-40 - 65 °C
Storage media *	SSD	Operating relative humidity (H-H)	10 - 90%
Total SSDs capacity	512 GB	Storage relative humidity (H-H)	0 - 95%
Number of SSDs installed	1	Operating altitude	-15.2 - 3048 m
SSD capacity	512 GB	Non-operating altitude	-15.2 - 10668 m
SSD memory type	TLC	Operating shock	110 G
SSD interface	PCI Express 4.0	Non-operating shock	160 G
NVMe	✓	Operating vibration	0.66 G
SSD form factor	M.2	Non-operating vibration	1.3 G
Optical drive type *	✗	Sustainability	
Graphics		Sustainability compliance	✓
Discrete graphics card model *	Not available	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold, TCO
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	358 mm
Discrete graphics card *	✗	Depth	250.4 mm
On-board graphics card model *	Intel Graphics	Height (front)	1.84 cm
Audio		Height (rear)	1.95 cm
Audio chip	Realtek ALC3281	Weight *	1.83 kg
Audio system	High Definition Audio	Carbon footprint	
Number of built-in speakers	4	Total carbon footprint (kg of CO2e)	122
Speaker power	2 W		
Built-in microphone	✓		
Camera			
Front camera	✓		
Front camera resolution	1920 x 1080 pixels		

Camera		Carbon footprint	
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	95
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	6
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg of CO2e)	19
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	3
Privacy type	Privacy shutter	Total carbon emissions, w/o use phase (kg of CO2e)	103
		PAIA version	GaBi verison1
		Packaging content	
		Cables included	AC



5397184873595

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: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date