



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		Camera	
Product type *	Laptop	Front camera	✓
Product colour *	Grey	Front camera resolution	1920 x 1080 pixels
Form factor *	Clamshell	Front camera HD type	Full HD
Housing material	Aluminium	Video capturing speed	30 fps
Intel® vPro™ Platform Eligibility	✓	Infrared (IR) camera	✓
Display		Privacy camera	✓
Display diagonal *	40.6 cm (16")	Privacy type	Privacy shutter
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	Full HD+	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)
Panel type	IPS	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 7 BE200
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	250 cd/m ²	Ethernet LAN	✗
Pixel pitch	0.17952 x 0.17952 mm	Bluetooth	✓
Pixel density	141.5 ppi	Ports & interfaces	
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	45%	HDMI ports quantity *	1
Display response rise/fall	35 ms	HDMI version	2.1
Maximum refresh rate	60 Hz	Thunderbolt 4 ports quantity	2
Contrast ratio (typical)	800:1	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Charging port type	USB Type-C
Processor family *	Intel Core Ultra 7	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	Intel Core Ultra (Series 1)		
Processor model *	165U		
Processor cores	12		

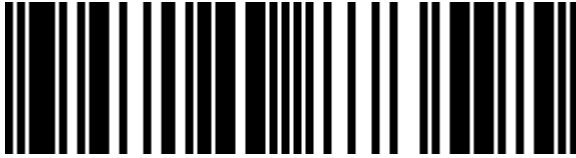
Processor		Ports & interfaces	
Processor threads	14	USB Power Delivery	✓
Processor boost frequency	4.9 GHz	Performance	
Performance cores	2	Ambient light sensor	✓
Efficient cores	8	Keyboard	
Low Power Efficient-cores	2	Pointing device	Touchpad
Performance-core Max Turbo Frequency	4.9 GHz	Keyboard language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

Weight & dimensions

Height (rear)	1.95 cm
Weight *	1.83 kg

Packaging content

Cables included	AC
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