



DELL Latitude 7640 Intel® Core™ i5 i5-1345U Laptop 40.6 cm (16") Full HD+ 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro English Grey

Brand : DELL

Product family: Latitude

Product code: V76R6

Product name : 7640



DELL Latitude 7640. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1345U. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey. Weight: 1.84 kg

Design		Network	
Product type *	Laptop	Near Field Communication (NFC)	✓
Product colour *	Grey	WWAN	Upgradable
Form factor *	Clamshell	Ports & interfaces	
Intel® vPro™ Platform Eligibility	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		HDMI ports quantity *	1
Display diagonal *	40.6 cm (16")	HDMI version	2.0
Display resolution *	1920 x 1200 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	Full HD+	PowerShare	✓
Panel type	IPS	Number of USB ports with PowerShare support	1
LED backlight	✓	Keyboard	
Native aspect ratio	16:10	Pointing device	Touchpad
Anti-glare screen	✓	Numeric keypad *	✗
Display brightness	250 cd/m ²	Keyboard backlight	✓
Pixel pitch	0.17952 x 0.17952 mm	Keyboard language	English
Pixel density	141.5 ppi	Software	
RGB colour space	NTSC	Operating system architecture	64-bit
Colour gamut	45%	Operating system language	Multilingual
Display response rise/fall	35 ms	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Maximum refresh rate	60 Hz	Operating system installed *	Windows 11 Pro
Contrast ratio (typical)	800:1	Bundled software	Windows System Driver
Processor		Processor special features	
Processor manufacturer *	Intel	CPU configuration (max)	1
Processor family *	Intel® Core™ i5		
Processor generation	13th gen Intel® Core™ i5		
Processor model *	i5-1345U		
Processor cores	10		

Processor		Battery	
Processor boost frequency	4.7 GHz	Battery technology	Lithium-Ion (Li-Ion)
Performance cores	2	Number of battery cells	3
Efficient cores	8	Battery capacity *	57 Wh
Performance-core Max Turbo Frequency	4.7 GHz	Battery voltage	11.4 V
Efficient-core Max Turbo Frequency	3.5 GHz	Battery recharge time	4 h
Processor cache	12 MB	Fast charging	✓
Processor cache type	Smart Cache	Battery weight	227 g
Configurable TDP-down	12 W	Power	
Processor base power	15 W	AC adapter power	65 W
Maximum turbo power	55 W	AC adapter frequency	50/60 Hz
Memory		AC adapter input voltage	100 - 240 V
Internal memory *	16 GB	USB Type-C charging port *	✓
Internal memory type	LPDDR5-SDRAM	USB Power Delivery (USB PD)	✓
Memory clock speed	4800 MHz	USB charging voltage	20,5,9,15 V
Memory form factor	On-board	USB charging current	3.25 A
Maximum internal memory *	16 GB	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	Smart card reader	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
SSD performance class	35	Operating relative humidity (H-H)	10 - 90%
Optical drive type *	✗	Storage relative humidity (H-H)	0 - 95%
Card reader integrated	✗	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 family	Intel Iris Xe Graphics	Sustainability	
On-board graphics card model *	Intel Iris Xe Graphics	Sustainability certificates	TCO
Audio		Weight & dimensions	
Audio chip	Realtek ALC3287	Width	358 mm
Number of built-in speakers	4	Depth	250.4 mm
Speaker power	2 W	Height (front)	1.84 cm
Built-in microphone	✓	Height (rear)	1.95 cm
Number of microphones	2	Weight *	1.84 kg
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	349
Front camera resolution	1920 x 1080 pixels	Total carbon emissions, standard deviation (kg of CO2e)	78
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	301
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	14
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg of CO2e)	33
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2
Privacy type	Privacy shutter	Total carbon emissions, w/o use phase (kg of CO2e)	316
Network		PAIA version	1.3.2
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Wi-Fi data rate (max)	2400 Mbit/s		

Network		Packaging content	
Antenna type	2x2	Cables included	AC
WLAN controller model	Intel Wi-Fi 6E AX211		
WLAN controller manufacturer	Intel		
Ethernet LAN	✘		
Bluetooth	✔		



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