



## 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 Belgian Grey

Brand : DELL

Product family: Latitude

Product code: R38Y0

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	<b>Ports &amp; interfaces</b>	
Housing material	Aluminium	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Intel® vPro™ Platform Eligibility	✓	HDMI ports quantity *	1
<b>Display</b>		HDMI version	2.0
Display diagonal *	40.6 cm (16")	Combo headphone/mic port	✓
Display resolution *	1920 x 1200 pixels	USB Type-C DisplayPort Alternate Mode	✓
Touchscreen *	✗	PowerShare	✓
HD type	Full HD+	Number of USB ports with PowerShare support	1
Panel type	IPS	<b>Keyboard</b>	
LED backlight	✓	Pointing device	Touchpad
Native aspect ratio	16:10	Numeric keypad *	✗
Anti-glare screen	✓	Keyboard backlight	✓
Display brightness	250 cd/m <sup>2</sup>	Keyboard number of keys	80
Pixel pitch	0.17952 x 0.17952 mm	Keyboard language	Belgian
Pixel density	141.5 ppi	<b>Software</b>	
RGB colour space	NTSC	Operating system architecture	64-bit
Colour gamut	45%	Operating system language	German, Dutch, English, French, Italian
Display response rise/fall	35 ms	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Maximum refresh rate	60 Hz	Operating system installed *	Windows 11 Pro
Contrast ratio (typical)	800:1	Bundled software	Windows System Driver
<b>Processor</b>			
Processor manufacturer *	Intel		
Processor family *	Intel® Core™ i5		
Processor generation	13th gen Intel® Core™ i5		
Processor model *	i5-1345U		

<b>Processor</b>		<b>Processor special features</b>	
Processor cores	10	CPU configuration (max)	1
Processor threads	12	<b>Brand-specific features</b>	
Processor boost frequency	4.7 GHz	Brand specific technologies	Battery-saving Mini-LED, Express Charge Boost capable, ExpressSign-In, Intelligent Privacy, TNR
Performance cores	2	<b>Battery</b>	
Efficient cores	8	Battery technology	Lithium-Ion (Li-Ion)
Performance-core Max Turbo Frequency	4.7 GHz	Number of battery cells	3
Efficient-core Max Turbo Frequency	3.5 GHz	Battery capacity *	57 Wh
Processor cache	12 MB	Battery voltage	11.4 V
Processor cache type	Smart Cache	Battery recharge time	4 h
Configurable TDP-down	12 W	Fast charging	✓
Processor base power	15 W	Battery weight	227 g
Maximum turbo power	55 W	<b>Power</b>	
<b>Memory</b>		AC adapter power	65 W
Internal memory *	16 GB	AC adapter frequency	50/60 Hz
Internal memory type	LPDDR5-SDRAM	AC adapter input voltage	100 - 240 V
Memory clock speed	4800 MHz	USB Type-C charging port *	✓
Memory form factor	On-board	USB Power Delivery (USB PD)	✓
Maximum internal memory *	16 GB	USB charging voltage	20,5,9,15 V
Memory data transfer rate	4800 MT/s	USB charging current	3.25 A
<b>Storage</b>		<b>Security</b>	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	512 GB	Fingerprint reader	✓
Number of SSDs installed	1	Smart card reader	✓
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express	Trusted Platform Module (TPM) version	2.0
NVMe	✓	<b>Operational conditions</b>	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
SSD performance class	35	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	10 - 90%
Card reader integrated	✗	Storage relative humidity (H-H)	0 - 95%
<b>Graphics</b>		Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
Discrete graphics card *	✗	Operating vibration	0.66 G
On-board graphics card family	Intel Iris Xe Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel Iris Xe Graphics	<b>Sustainability</b>	
<b>Audio</b>		Sustainability certificates	TCO
Audio chip	Realtek ALC3287	<b>Weight &amp; dimensions</b>	
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
Number of microphones	2	Height (rear)	1.95 cm
<b>Camera</b>		Weight *	1.84 kg
Front camera	✓	<b>Carbon footprint</b>	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint (kg of CO2e)	349
Front camera HD type	Full HD	Total carbon emissions, standard deviation (kg of CO2e)	78
Video capturing speed	30 fps	Carbon emissions, manufacturing (kg of CO2e)	301
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	14
Privacy camera	✓		
Privacy type	Privacy shutter		
<b>Network</b>			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		

Network		Carbon footprint	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Carbon emissions, energy usage (kg of CO2e)	33
Mobile network connection *	✗	Carbon emissions, end-of-life (kg of CO2e)	2
Wi-Fi data rate (max)	2400 Mbit/s	Total carbon emissions, w/o use phase (kg of CO2e)	316
Antenna type	2x2	PAIA version	1.3.2
WLAN controller model	Intel Wi-Fi 6E AX211	<b>Packaging content</b>	
WLAN controller manufacturer	Intel	Cables included	AC
Ethernet LAN	✗		
Bluetooth	✓		



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