



DELL DC16251 Intel Core 7 150U Laptop 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Blue Czech, Slovakian

Brand : DELL

Product code: R6J0J

Product name : DC16251

DELL DC16251. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 7, Processor model: 150U. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Blue



Design		Network	
Colour name	Midnight Blue	Antenna type	2x2
Product type *	Laptop	WLAN controller model	Realtek RTL8852CE
Product colour *	Blue	WLAN controller manufacturer	Realtek
Form factor *	Clamshell	Bluetooth	✓
Display		MIMO	✓
Display diagonal *	40.6 cm (16")	MIMO type	Multi User MIMO
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD+	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type	IPS WVA	HDMI ports quantity *	1
Display technology marketing name	ComfortView	HDMI version	1.4
Native aspect ratio	16:10	Combo headphone/mic port	✓
Anti-glare screen	✓	Power adapter barrel connector	4.5 mm
Display brightness	300 cd/m ²	USB Type-C DisplayPort Alternate Mode	✓
Pixel density	141 ppi	Performance	
RGB colour space	NTSC	Accelerometer	✓
Colour gamut	45%	Keyboard	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Contrast ratio (typical)	1000:1	Numeric keypad *	✓
Processor		Keyboard backlit	✓
Processor manufacturer *	Intel	Keyboard language	Czech, Slovakian
Processor family *	Intel Core 7	Copilot key	✓
Processor generation	Intel Core (Series 1)	Software	
Processor model *	150U	Operating system architecture	64-bit
Processor cores	10	Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Processor threads	12	Operating system installed *	Windows 11 Pro
Processor boost frequency	5.4 GHz	Battery	
Performance cores	2	Battery technology	Lithium Polymer (LiPo)
Efficient cores	8		
Performance-core Max Turbo Frequency	5.4 GHz		
Efficient-core Max Turbo Frequency	4 GHz		
Performance-core base frequency	1.8 GHz		
Efficient-core base frequency	1.2 GHz		

Processor		Battery	
Processor cache	12 MB	Number of battery cells	4
Processor cache type	Smart Cache	Battery capacity *	54 Wh
Processor base power	15 W	Battery voltage	15 V
Maximum turbo power	55 W	Battery recharge time	3 h
Memory		Fast charging	✓
Internal memory *	32 GB	Battery charge indicator	✓
Internal memory type	DDR5-SDRAM	Battery weight	240 g
Memory form factor	SO-DIMM	Power	
Memory layout (slots x size)	2 x 16 GB	AC adapter power	65 W
Memory slots	2x SO-DIMM	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	32 GB	AC adapter input voltage	100 - 240 V
Memory data transfer rate	5200 MT/s	AC adapter output voltage	19.5 V
Storage		DC-in jack	✓
Total storage capacity *	1 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (min) *	27 W
Total SSDs capacity	1 TB	USB Type-C required charging power (max) *	65 W
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Wedge
SSD form factor	M.2	Fingerprint reader	✓
M.2 SSD size	2230 (22 x 30 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Operational conditions	
Compatible memory cards	SD, SDHC, SDXC	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 70 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
On-board GPU manufacturer	Intel	Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel® Graphics	Operating shock	110 G
On-board graphics card model *	Intel® Graphics	Non-operating shock	160 G
Audio		Operating vibration	0.66 G
Audio chip	Realtek ALC3254	Non-operating vibration	1.3 G
Audio system	High Definition Audio	Weight & dimensions	
Number of built-in speakers	2	Width	356.8 mm
Speaker power	2.5 W	Depth	249.5 mm
Built-in microphone	✓	Height (front)	1.62 cm
Number of microphones	2	Height (rear)	1.74 cm
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	101
Front camera resolution (numeric)	2.07 MP	Carbon emissions, manufacturing (kg of CO2e)	74.13
Front camera resolution	1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	4.04
Front camera HD type	Full HD	Carbon emissions, energy usage (kg of CO2e)	21.01
Video capturing speed	30 fps	Carbon emissions, end-of-life (kg of CO2e)	1.82
Privacy camera	✓	PAIA version	GaBi version 1, 2025
Privacy type	Privacy shutter	Packaging content	
Network		AC adapter included *	✓
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)		



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