



DELL DC16251 Intel Core 5 120U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Blue Czech, Slovakian

Brand : DELL

Product code: V51MV

Product name : DC16251

DELL DC16251. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 5, Processor model: 120U. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, 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	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Product type *	Laptop	Antenna type	2x2
Product colour *	Blue	WLAN controller model	Realtek RTL8852CE
Form factor *	Clamshell	WLAN controller manufacturer	Realtek
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	MIMO	✓
Display resolution *	1920 x 1200 pixels	MIMO type	Multi User MIMO
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD+	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS WVA	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display technology marketing name	ComfortView	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	1.4
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	300 cd/m ²	Power adapter barrel connector	4.5 mm
Pixel density	141 ppi	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	NTSC	Performance	
Colour gamut	45%	Accelerometer	✓
Maximum refresh rate	60 Hz	Keyboard	
Contrast ratio (typical)	1000:1	Pointing device	Touchpad
Processor		Numeric keypad *	✓
Processor manufacturer *	Intel	Keyboard backlit	✓
Processor family *	Intel Core 5	Keyboard language	Czech, Slovakian
Processor generation	Intel Core (Series 1)	Copilot key	✓
Processor model *	120U	Software	
Processor cores	10	Operating system architecture	64-bit
Processor threads	12	Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Processor boost frequency	5 GHz	Operating system installed *	Windows 11 Pro
Performance cores	2		
Efficient cores	8		
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		
Performance-core base frequency	1.4 GHz		
Efficient-core base frequency	0.9 GHz		

Processor		Battery	
Processor cache	12 MB	Battery technology	Lithium Polymer (LiPo)
Processor cache type	Smart Cache	Number of battery cells	4
Processor base power	15 W	Battery capacity *	54 Wh
Maximum turbo power	55 W	Battery voltage	15 V
Memory		Battery recharge time	3 h
Internal memory *	16 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Battery charge indicator	✓
Memory form factor	SO-DIMM	Battery weight	240 g
Memory layout (slots x size)	2 x 8 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	65 W
Maximum internal memory *	32 GB	AC adapter frequency	50 - 60 Hz
Memory data transfer rate	5200 MT/s	AC adapter input voltage	100 - 240 V
Storage		AC adapter output voltage	19.5 V
Total storage capacity *	512 GB	DC-in jack	✓
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	512 GB	USB Type-C required charging power (min) *	27 W
Number of SSDs installed	1	USB Type-C required charging power (max) *	65 W
SSD capacity	512 GB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Wedge
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, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		



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