



DELL DC16250 Intel Core 5 120U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : DELL

Product code: DC16250_RPLU-R_012_HOM

Product name : DC16250

DELL DC16250. 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 Home. Product colour: Black



Design		Network	
Colour name	Carbon Black	WLAN controller model	Realtek RTL8852BE
Product type *	Laptop	WLAN controller manufacturer	Realtek
Product colour *	Black	Bluetooth	✓
Form factor *	Clamshell	MIMO	✓
Display		MIMO type	Multi User MIMO
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD+	HDMI ports quantity *	1
Panel type	WVA	HDMI version	1.4
Display technology marketing name	ComfortView	Combo headphone/mic port	✓
Native aspect ratio	16:10	Power adapter barrel connector	4.5 mm
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	300 cd/m²	Performance	
Pixel density	141 ppi	Accelerometer	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Touchpad
Maximum refresh rate	60 Hz	Numeric keypad *	✓
Contrast ratio (typical)	1000:1	Keyboard backlit	✓
Processor		Keyboard colour name	Carbon Black
Processor manufacturer *	Intel	Copilot key	✓
Processor family *	Intel Core 5	Software	
Processor generation	Intel Core (Series 1)	Operating system architecture	64-bit
Processor model *	120U	Operating system installed *	Windows 11 Home
Processor cores	10	Battery	
Processor threads	12	Battery technology	Lithium Polymer (LiPo)
Processor boost frequency	5 GHz	Number of battery cells	3
Performance cores	2	Battery capacity *	41 Wh
Efficient cores	8	Battery voltage	11.25 V
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 recharge time	3 h
Processor cache type	Smart Cache	Fast charging	✓
Processor base power	15 W	Battery charge indicator	✓
Maximum turbo power	55 W	Battery weight	180 g
Memory		Power	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	DDR5-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	SO-DIMM	AC adapter input voltage	100 - 240 V
Memory layout (slots x size)	2 x 8 GB	AC adapter output voltage	19.5 V
Memory slots	2x SO-DIMM	DC-in jack	✓
Maximum internal memory *	32 GB	USB Type-C charging port *	✓
Memory data transfer rate	5200 MT/s	USB Type-C required charging power (min) *	27 W
Storage		USB Type-C required charging power (max) *	65 W
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 70 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	5 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating shock	110 G
On-board graphics card family	Intel® Graphics	Non-operating shock	160 G
On-board graphics card model *	Intel® Graphics	Operating vibration	0.66 G
Audio		Non-operating vibration	1.3 G
Audio system	High Definition Audio	Weight & dimensions	
Number of built-in speakers	2	Width	357.3 mm
Speaker power	2.5 W	Depth	250.6 mm
Built-in microphone	✓	Height (front)	1.67 cm
Number of microphones	2	Height (rear)	1.82 cm
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	98.6
Front camera resolution (numeric)	0.92 MP	Carbon emissions, manufacturing (kg of CO2e)	71.8794
Front camera resolution	1280 x 720 pixels	Carbon emissions, logistics (kg of CO2e)	4.0426
Front camera HD type	HD	Carbon emissions, energy usage (kg of CO2e)	21.0018
Video capturing speed	30 fps	Carbon emissions, end-of-life (kg of CO2e)	1.77
Network		PAIA version	GaBi version 1, 2025
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Packaging content	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	AC adapter included *	✓
Mobile network connection *	✗		
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)		
Wi-Fi data rate (max)	1201 Mbit/s		
Antenna type	2x2		



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