



DELL DC16250 Intel Core 5 120U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black

Brand : DELL

Product code: T7XXT

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: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Network	
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		Copilot key	✓
Processor manufacturer *	Intel	Software	
Processor family *	Intel Core 5	Operating system architecture	64-bit
Processor generation	Intel Core (Series 1)	Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Processor model *	120U	Operating system installed *	Windows 11 Pro
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 cache	12 MB		

Processor		Battery	
Processor cache type	Smart Cache	Battery recharge time	3 h
Processor base power	15 W	Fast charging	✓
Maximum turbo power	55 W	Battery charge indicator	✓
Memory		Battery weight	180 g
Internal memory *	16 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	SO-DIMM	AC adapter frequency	50 - 60 Hz
Memory layout (slots x size)	2 x 8 GB	AC adapter input voltage	100 - 240 V
Memory slots	2x SO-DIMM	AC adapter output voltage	19.5 V
Maximum internal memory *	32 GB	DC-in jack	✓
Memory data transfer rate	5200 MT/s	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	27 W
Total storage capacity *	1 TB	USB Type-C required charging power (max) *	65 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	1 TB	Cable lock slot type	Wedge
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
M.2 SSD size	2230 (22 x 30 mm)	Operational conditions	
Optical drive type *	✗	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 system	High Definition Audio	Non-operating vibration	1.3 G
Number of built-in speakers	2	Weight & dimensions	
Speaker power	2.5 W	Width	357.3 mm
Built-in microphone	✓	Depth	250.6 mm
Number of microphones	2	Height (front)	1.67 cm
Camera		Height (rear)	1.82 cm
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	0.92 MP	Total carbon footprint (kg of CO2e)	98.6
Front camera resolution	1280 x 720 pixels	Carbon emissions, manufacturing (kg of CO2e)	71.88
Front camera HD type	HD	Carbon emissions, logistics (kg of CO2e)	4.04
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	21
Network		Carbon emissions, end-of-life (kg of CO2e)	1.77
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	PAIA version	GaBi version 1, 2025
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Packaging content	
Mobile network connection *	✗	AC adapter included *	✓
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)		
Wi-Fi data rate (max)	1201 Mbit/s		
Antenna type	2x2		
WLAN controller model	Realtek RTL8852BE		



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