



DELL 14 Plus DB14250 Intel Core Ultra 7 256V Laptop 35.6 cm (14") 2.5K 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Blue

Brand : DELL

Product family: 14 Plus

Product code:
DB14250_LNL_208

Product name : DB14250

DELL 14 Plus DB14250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 256V. Display diagonal: 35.6 cm (14"), HD type: 2.5K, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Pro. Product colour: Blue. Weight: 1.55 kg



Design		Camera	
Colour name	Ice Blue	Front camera	✓
Product type *	Laptop	Front camera resolution (numeric)	2.07 MP
Product colour *	Blue	Front camera resolution	1920 x 1080 pixels
Form factor *	Clamshell	Front camera HD type	Full HD
Housing material	Aluminium, Plastic	Video capturing speed	30 fps
Display		Privacy camera	✓
Display diagonal *	35.6 cm (14")	Privacy type	Privacy shutter
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	2.5K	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Panel type	WVA	Mobile network connection *	✗
Display technology marketing name	ComfortView Plus	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
LED backlight	✓	Wi-Fi data rate (max)	5760 Mbit/s
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 7 BE201
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	300 cd/m²	Bluetooth	✓
Pixel pitch	0.1178 x 0.1178 mm	Ports & interfaces	
Pixel density	216 ppi	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
RGB colour space	sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Colour gamut	100%	HDMI ports quantity *	1
Display response rise/fall	35 ms	HDMI version	2.1
Maximum refresh rate	90 Hz	Thunderbolt 4 ports quantity	1
Contrast ratio (typical)	1200:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	Performance	
Processor family *	Intel Core Ultra 7	Motherboard chipset	Intel SoC
Processor generation	Intel Core Ultra (Series 2)		
Processor model *	256V		
Processor cores	8		
Processor threads	8		
Processor boost frequency	4.8 GHz		
Performance cores	4		

Processor		Keyboard	
Low Power Efficient-cores	4	Pointing device	Touchpad
Performance-core Max Turbo Frequency	4.8 GHz	Numeric keypad *	✗
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard backlit	✓
Performance-core base frequency	2.2 GHz	Copilot key	✓
Low Power Efficient-core Base Frequency	2200 MHz	Software	
Processor cache	12 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Trial software	McAfee LiveSafe 1Yr, Activate Your Microsoft 365 For A 30 Day Trial
Processor base power	17 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	37 W	Brand-specific features	
Neural processor unit (NPU)		Brand specific technologies	Express Charge Boost capable
Neural processor unit (NPU)	Intel AI Boost	Battery	
Sparsity support	✓	Battery technology	Lithium-Ion (Li-Ion)
Windows Studio effects support	✓	Number of battery cells	4
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery capacity *	64 Wh
Total processor performance up to	115 TOPs	Battery voltage	15.2 V
NPU performance up to	47 TOPs	Battery recharge time	3 h
GPU performance up to	64 TOPs	Fast charging	✓
Memory		Battery weight	260 g
Internal memory *	16 GB	Power	
Internal memory type	LPDDR5x-SDRAM	AC adapter power	65 W
Memory form factor	On-board	AC adapter frequency	50/60 Hz
Maximum internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Memory channels	Dual-channel	USB Type-C charging port *	✓
Memory data transfer rate	8533 MT/s	USB Power Delivery (USB PD)	✓
Storage		USB charging voltage	5,9,15,20 V
Total storage capacity *	512 GB	USB charging current	3.25 A
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Fingerprint reader	✓
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	0 - 40 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	0 - 90%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 95%
M.2 SSD size	2230 (22 x 30 mm)	Operating shock	140 G
Optical drive type *	✗	Operating vibration	0.66 G
Card reader integrated	✗	Sustainability	
Graphics		Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Discrete graphics card model *	Not available	Weight & dimensions	
On-board graphics card *	✓	Width	314 mm
On-board GPU manufacturer	Intel	Depth	226.2 mm
Discrete graphics card *	✗	Height (front)	1.4 cm
On-board graphics card family	Intel Arc Graphics	Height (rear)	1.47 cm
On-board graphics card model *	Intel Arc Graphics 140V	Weight *	1.55 kg
Audio		Carbon footprint	
Audio system	MaxxAudio Pro	Total carbon footprint (kg of CO2e)	138
Number of built-in speakers	2	Carbon emissions, manufacturing (kg of CO2e)	115.23
Speakers manufacturer	Waves	Carbon emissions, logistics (kg of CO2e)	3.174
Speaker power	2.5 W	Carbon emissions, energy usage (kg of CO2e)	18.354
Built-in microphone	✓	Carbon emissions, end-of-life (kg of CO2e)	1.38
		PAIA version	GaBi version 1, 2024

Packaging content

AC adapter included *	✓
Cables included	AC

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