



DELL 16 Plus DB16250 Intel Core Ultra 7 258V Laptop 40.6 cm (16") Touchscreen Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Blue

Brand : DELL

Product family: 16 Plus

Product code:
DB16250_LNL_201

Product name : DB16250

DELL 16 Plus DB16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 258V. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Pro. Product colour: Blue



Design		Camera	
Colour name	Ice Blue	Front camera resolution (numeric)	2.07 MP
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Blue	Front camera HD type	Full HD
Form factor *	Clamshell	Video capturing speed	30 fps
Housing material	Aluminium, Plastic	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Touchscreen *	✓	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)
HD type	Full HD+	Mobile network connection *	✗
Panel type	WVA	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display technology marketing name	ComfortView	Wi-Fi data rate (max)	5760 Mbit/s
Native aspect ratio	16:10	Antenna type	2x2
Display surface	Gloss	WLAN controller model	Intel Wi-Fi 7 BE201
Display brightness	300 cd/m²	WLAN controller manufacturer	Intel
Pixel density	141 ppi	Bluetooth	✓
RGB colour space	NTSC	Ports & interfaces	
Colour gamut	45%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1000:1	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	1
Processor family *	Intel Core Ultra 7	Intel® Thunderbolt 4	✓
Processor generation	Intel Core Ultra (Series 2)	Combo headphone/mic port	✓
Processor model *	258V	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	8	Keyboard	
Processor threads	8	Pointing device	Touchpad
Processor boost frequency	4.8 GHz		
Performance cores	4		
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	4.8 GHz		

Processor		Keyboard	
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Numeric keypad *	✓
Performance-core base frequency	2.2 GHz	Keyboard backlit	✓
Low Power Efficient-core Base Frequency	2200 MHz	Copilot key	✓
Processor cache	12 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	17 W	Trial software	McAfee LiveSafe 1Yr,Activate Your Microsoft 365 For A 30 Day Trial
Maximum turbo power	37 W	Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)		Brand-specific features	
Neural processor unit (NPU)	Intel AI Boost	Brand specific technologies	Express Charge Boost capable
Sparsity support	✓	Battery	
Windows Studio effects support	✓	Battery technology	Lithium-Ion (Li-Ion)
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Number of battery cells	4
Total processor performance up to	115 TOPs	Battery capacity *	64 Wh
NPU performance up to	47 TOPs	Battery voltage	15.2 V
GPU performance up to	64 TOPs	Battery recharge time	3 h
Memory		Fast charging	✓
Internal memory *	32 GB	Battery charge indicator	✓
Internal memory type	LPDDR5x-SDRAM	Battery weight	260 g
Memory form factor	On-board	Power	
Maximum internal memory *	32 GB	AC adapter power	65 W
Memory channels	Dual-channel	AC adapter frequency	50 - 60 Hz
Memory data transfer rate	8533 MT/s	AC adapter input voltage	100 - 240 V
Storage		AC adapter output current	1.7 A
Total storage capacity *	1 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	1 TB	USB charging voltage	5,9,15,20 V
Number of SSDs installed	1	USB charging current	3.25 A
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 40 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	0 - 90%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating shock	140 G
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel Arc Graphics	Width	356.8 mm
On-board graphics card model *	Intel Arc Graphics 140V	Depth	250.6 mm
Audio		Height (front)	1.41 cm
Audio chip	Realtek ALC3329	Height (rear)	1.56 cm
Audio system	MaxxAudio Pro	Weight *	2.05 kg
Number of built-in speakers	2	Carbon footprint	
Speakers manufacturer	Waves	Total carbon footprint (kg of CO2e)	156
Speaker power	2.5 W	Carbon emissions, manufacturing (kg of CO2e)	120.744
Number of microphones	2	Carbon emissions, logistics (kg of CO2e)	3.9
Camera		Carbon emissions, energy usage (kg of CO2e)	29.64
Front camera	✓	Carbon emissions, end-of-life (kg of CO2e)	1.72
		PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✓

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.