



DELL 16 Plus DB16250 Intel Core Ultra 5 226V Laptop 40.6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Blue

Brand : DELL

Product family: 16 Plus

Product code:
ODB1625021101RINU1

Product name : DB16250

- Windows 11 Home 64-bit
- Intel Core Ultra 5 226V (8MB Cache)
- 16" Full HD+ 1920 x 1200 WVA
- 16GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 5 226V (8MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 16" Full HD+ 1920 x 1200 WVA, Intel Arc Graphics 130V, WLAN, Webcam, Windows 11 Home 64-bit

DELL 16 Plus DB16250 Intel Core Ultra 5 226V Laptop 40.6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Blue:

A stunning 16-inch screen in a stylish new design with on-device Copilot+ and Intel® Core™ Ultra processors, offering top power efficiency for the newest AI experiences.

DELL 16 Plus DB16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 226V. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 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 130V. Operating system installed: Windows 11 Home. Product colour: Blue. Weight: 1.87 kg



Design		Audio	
Colour name	Ice Blue	Audio system	MaxxAudio Pro
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Blue	Speakers manufacturer	Waves
Form factor *	Clamshell	Speaker power	2.5 W
Housing material	Aluminium, Plastic	Number of microphones	2
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	1920 x 1200 pixels	Front camera resolution (numeric)	2.07 MP
Touchscreen *	✗	Front camera resolution	1920 x 1080 pixels
HD type	Full HD+	Front camera HD type	Full HD
Panel type	WVA	Video capturing speed	30 fps
Display technology marketing name	ComfortView	Privacy camera	✓
Native aspect ratio	16:10	Privacy type	Privacy shutter
Anti-glare screen	✓	Network	
Display brightness	300 cd/m²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Pixel density	141 ppi	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), Wi-Fi 7 (802.11be), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
RGB colour space	NTSC	Mobile network connection *	✗
Colour gamut	45%	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Maximum refresh rate	60 Hz	Wi-Fi data rate (max)	5760 Mbit/s
Contrast ratio (typical)	1000:1	Antenna type	2x2
Processor		WLAN controller model	Intel Wi-Fi 7 BE201
Processor manufacturer *	Intel	WLAN controller manufacturer	Intel
Processor family *	Intel Core Ultra 5	Bluetooth	✓
Processor generation	Intel Core Ultra (Series 2)	Ports & interfaces	
Processor model *	226V	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor threads	8	HDMI ports quantity *	1
Processor boost frequency	4.5 GHz		
Performance cores	4		
Low Power Efficient-cores	4		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.5 GHz	HDMI version	2.1
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Thunderbolt 4 ports quantity	1
Performance-core base frequency	2.1 GHz	Intel® Thunderbolt 4	✓
Low Power Efficient-core Base Frequency	2100 MHz	Combo headphone/mic port	✓
Processor cache	8 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache	Keyboard	
Processor socket	BGA 2833	Pointing device	Touchpad
Processor base power	17 W	Numeric keypad *	✓
Maximum turbo power	37 W	Keyboard backlit	✓
Neural processor unit (NPU)		Copilot key	✓
Neural processor unit (NPU)	Intel AI Boost	Software	
Sparsity support	✓	Operating system architecture	64-bit
Windows Studio effects support	✓	Operating system installed *	Windows 11 Home
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Brand-specific features	
Total processor performance up to	97 TOPs	Brand specific technologies	Express Charge Boost capable
NPU performance up to	40 TOPs	Battery	
GPU performance up to	53 TOPs	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	4
Internal memory *	16 GB	Battery capacity *	64 Wh
Internal memory type	LPDDR5x-SDRAM	Battery voltage	15.2 V
Memory form factor	On-board	Battery recharge time	3 h
Maximum internal memory *	16 GB	Fast charging	✓
Memory channels	Dual-channel	Battery charge indicator	✓
Memory data transfer rate	8533 MT/s	Battery weight	260 g
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	1.7 A
SSD capacity	512 GB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	USB charging voltage	5,9,15,20 V
SSD form factor	M.2	USB charging current	3.25 A
Optical drive type *	✗	Operational conditions	
Graphics		Operating temperature (T-T)	0 - 40 °C
Discrete graphics card model *	Not available	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card *	✓	Operating relative humidity (H-H)	0 - 90%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card *	✗	Operating shock	140 G
On-board graphics card family	Intel Arc Graphics	Operating vibration	0.66 G
On-board graphics card model *	Intel Arc Graphics 130V	Weight & dimensions	
		Width	356.8 mm
		Depth	250.6 mm
		Height (front)	1.41 cm
		Height (rear)	1.56 cm
		Weight *	1.87 kg
		Packaging content	
		AC adapter included *	✓

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