



DELL 16 Plus 2-in-1 DB06250 Intel Core Ultra 7 256V Hybrid (2-in-1) 40.6 cm (16") Touchscreen WUXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Blue

Brand : DELL

Product family: 16 Plus

Product code:
LDB06250-7144BLU-PUS

Product name : 2-in-1
DB06250

- Windows 11 Home 64-bit
- Intel Core Ultra 7 256V (12MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 WVA Touch
- 16GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 256V (12MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 WVA Touch, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Home 64-bit



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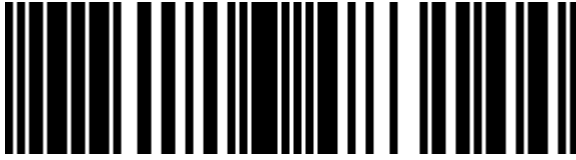
A versatile creative canvas

Dell 16 Plus 2-in-1 convertible business laptop with QHD+ display ideal for creators and professionals.

DELL 16 Plus 2-in-1 DB06250. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder). Processor family: Intel Core Ultra 7, Processor model: 256V. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 16 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 Home. Product colour: Blue

Design		Camera	
Colour name	Ice Blue	Front camera	✓
Product type *	Hybrid (2-in-1)	Front camera resolution (numeric)	2.07 MP
Product colour *	Blue	Front camera resolution	1920 x 1080 pixels
Form factor *	Convertible (Folder)	Front camera HD type	Full HD
Housing material	Aluminium, Plastic	Video capturing speed	30 fps
Display		Privacy camera	✓
Display diagonal *	40.6 cm (16")	Privacy type	Privacy shutter
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	WUXGA	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Panel type	WVA	Mobile network connection *	✗
LED backlight	✓	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Native aspect ratio	16:10	Wi-Fi data rate (max)	5760 Mbit/s
Display brightness	300 cd/m²	Antenna type	2x2
Pixel density	141 ppi	WLAN controller model	Intel Wi-Fi 7 BE201
RGB colour space	NTSC	WLAN controller manufacturer	Intel
Colour gamut	45%	Bluetooth	✓
Maximum refresh rate	60 Hz	Ports & interfaces	
Contrast ratio (typical)	1000:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core Ultra 7	HDMI version	2.1
Processor generation	Intel Core Ultra (Series 2)	Thunderbolt 4 ports quantity	1
Processor model *	256V	Intel® Thunderbolt 4	✓
Processor cores	8	Combo headphone/mic port	✓
Processor threads	8	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.8 GHz		
Performance cores	4		
Low Power Efficient-cores	4		

Processor		Performance	
Performance-core Max Turbo Frequency	4.8 GHz	Motherboard chipset	Intel SoC
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard	
Performance-core base frequency	2.2 GHz	Pointing device	Touchpad
Low Power Efficient-core Base Frequency	2200 MHz	Numeric keypad *	✓
Processor cache	12 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Copilot key	✓
Processor base power	17 W	Software	
Maximum turbo power	37 W	Operating system architecture	64-bit
Neural processor unit (NPU)		Operating system installed *	Windows 11 Home
Neural processor unit (NPU)	Intel AI Boost	Brand-specific features	
Sparsity support	✓	Brand specific technologies	Express Charge Boost capable
Windows Studio effects support	✓	Battery	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery technology	Lithium-Ion (Li-Ion)
Total processor performance up to	115 TOPs	Number of battery cells	4
NPU performance up to	47 TOPs	Battery capacity *	64 Wh
GPU performance up to	64 TOPs	Battery voltage	15.2 V
Memory		Battery recharge time	3 h
Internal memory *	16 GB	Battery weight	260 g
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter power	65 W
Maximum internal memory *	16 GB	AC adapter frequency	50/60 Hz
Memory channels	Dual-channel	AC adapter input voltage	100 - 240 V
Memory data transfer rate	8533 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	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
M.2 SSD size	2230 (22 x 30 mm)	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	0 - 90%
Card reader integrated	✗	Storage relative humidity (H-H)	0 - 90%
Graphics		Operating shock	140 G
Discrete graphics card model *	Not available	Operating vibration	0.66 G
On-board graphics card *	✓	Certificates	
On-board GPU manufacturer	Intel	Wi-Fi certified	✓
Discrete graphics card *	✗	Sustainability	
On-board graphics card family	Intel Arc Graphics	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
On-board graphics card model *	Intel Arc Graphics 140V	Weight & dimensions	
Audio		Width	356.8 mm
Audio chip	Realtek ALC3329	Depth	250.6 mm
Number of built-in speakers	2	Height (front)	1.41 cm
Speaker power	2.5 W	Height (rear)	1.56 cm
Built-in microphone	✓	Weight *	1.61 kg
		Packaging content	
		AC adapter included *	✓



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