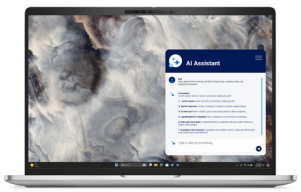
DELL Pro 16 Plus PB16250 Intel Core Ultra 7 265U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Aluminium US English





Brand : DELL **Product family:** Pro **Product code:** 693N6

Product name : PB16250

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 265U (12MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS
- 16GB DDR5-SDRAM & 512GB SSD

Intel Core Ultra 7 265U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro 16 Plus PB16250 Intel Core Ultra 7 265U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Aluminium US English:

16-inch laptop designed with sleek aluminum and a variety of scalable configurations, such as Copilot+ PC options with a built-in AI chip powered by Intel® Core™ Ultra processors.
DELL Pro 16 Plus PB16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 265U. 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Aluminium. Weight: 1.84 kg

Design	
Product type *	Laptop
Product colour *	Aluminium
Form factor *	Clamshell
Housing material	Aluminium
Intel® vPro™ Platform Eligibility	✔

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✘
HD type	Full HD+
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	300 cd/m²
Pixel density	142 ppi
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1000:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	265U
Processor cores	12
Processor threads	14
Processor boost frequency	5.3 GHz
Performance cores	2
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	5.3 GHz

Camera	
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
PowerShare	✔
Number of USB ports with PowerShare support	1

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

Processor	
Efficient-core Max Turbo Frequency	4.2 GHz
Low Power Efficient-core Max Turbo Frequency	2.4 GHz
Performance-core base frequency	2.1 GHz
Efficient-core base frequency	1.7 GHz
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	12 MB
Processor base power	15 W
Maximum turbo power	57 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML
NPU performance up to	12 TOPs

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
Memory data transfer rate	5600 MT/s

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Audio	
Audio chip	Cirrus Logic CS42L43
Number of built-in speakers	2
Speaker power	2.5 W
Built-in microphone	✔
Number of microphones	2

Camera	
Front camera	✔
Front camera resolution (numeric)	2.07 MP
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Video capturing speed	30 fps
Infrared (IR) camera	✔

Keyboard	
Keyboard language	US English
Copilot key	✔

Software	
Operating system architecture	64-bit
Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed *	Windows 11 Pro
Bundled software	Dell Additional Software - Dell Pro Laptop

Brand-specific features	
Brand specific technologies	Express Charge Boost capable, HDR Camera, Presence Detection, TNR

Battery	
Number of battery cells	3
Battery capacity *	55 Wh
Battery voltage	11.7 V
Fast charging	✔
Battery charge indicator	✔
Battery weight	220 g

Power	
AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Type-C charging port *	✔
USB Type-C required charging power (max) *	72 W
USB Power Delivery (USB PD)	✔
USB charging voltage	5,9,15,20 V

Security	
Cable lock slot	✔
Cable lock slot type	Wedge
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions	
Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0.66 G
Non-operating vibration	1.3 G

Weight & dimensions	
Width	358 mm
Depth	251.4 mm
Height	21.4 mm
Height (front)	1.99 cm
Height (rear)	2.06 cm
Weight *	1.84 kg

Carbon footprint	
Total carbon footprint (kg of CO2e)	116
Carbon emissions, manufacturing (kg of CO2e)	88.51

Camera	
Privacy camera	✔

Carbon footprint	
Carbon emissions, logistics (kg of CO2e)	5.45
Carbon emissions, energy usage (kg of CO2e)	19.37
Carbon emissions, end-of-life (kg of CO2e)	2.55
PAIA version	GaBi version 1, 2024
Packaging content	
AC adapter included *	✔

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Publication date: 25-NOV-2026. Prints or copies of Information are only valid on the printed Publication date