

DELL

Laptop Dell Pro 16 Plus PB16250 / Ultra 5 235U / 16GB DDR5 / 512GB / 16" Full HD+ IPS / Intel Graphics / DE / Hiri

SKU: 14001471 · EAN: 5397184937792

SPECIFIKAT TEKNIKE

155 specifikat e produktit

ATRIBUTI	VLERA
Design	
Product type	Laptop
Product colour	Aluminium
Form factor	Clamshell
Housing material	Aluminium
Intel® vPro™ Platform Eligibility	Yes
Display	
Display diagonal	40.6 cm (16")
Display resolution	1920 x 1200 pixels
Touchscreen	No
HD type	Full HD+
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	Yes
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 5
Processor generation	Intel Core Ultra (Series 2)
Processor model	235U
Processor cores	12
Processor threads	14

Processor boost frequency	4.9 GHz
Performance cores	2
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	4.9 GHz
Efficient-core Max Turbo Frequency	4.1 GHz
Low Power Efficient-core Max Turbo Frequency	2.4 GHz
Performance-core base frequency	2 GHz
Efficient-core base frequency	1.6 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	Yes
Windows Studio effects support	Yes
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	Yes
SSD form factor	M.2

Optical drive type	No
Card reader integrated	Yes
Compatible memory cards	MicroSD (TransFlash)
Graphics	
Discrete graphics card model	Not available
On-board graphics card	Yes
On-board GPU manufacturer	Intel
Discrete graphics card	No
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	Yes
Number of microphones	2
Camera	
Front camera	Yes
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	Yes
Privacy camera	Yes
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	No
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Wi-Fi data rate (max)	2400 Mbit/s
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Ethernet LAN	Yes

Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	Yes
Near Field Communication (NFC)	Yes
WWAN	Upgradable
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	Yes
Combo headphone/mic port	Yes
USB Type-C DisplayPort Alternate Mode	Yes
PowerShare	Yes
Number of USB ports with PowerShare support	1
Keyboard	
Pointing device	Touchpad
Numeric keypad	Yes
Keyboard backlit	Yes
Keyboard language	German
Copilot key	Yes
Software	
Operating system architecture	64-bit
Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed	Windows 11 Pro
Brand-specific features	
Brand specific technologies	Control Vault 3+, Express Charge Boost capable, TNR
Battery	
Number of battery cells	3
Battery capacity	55 Wh
Battery voltage	11.7 V
Fast charging	Yes
Battery charge indicator	Yes
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	Yes
USB Type-C required charging power (min)	27 W
USB Type-C required charging power (max)	100 W
USB Power Delivery (USB PD)	Yes
USB charging voltage	5,9,15,20 V
Security	
Cable lock slot	Yes
Cable lock slot type	Wedge
Fingerprint reader	Yes
Smart card reader	Yes
Face recognition	Yes
Trusted Platform Module (TPM)	Yes
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
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	Yes