



DELL Pro 16 Plus PB16255 AMD Ryzen™ 5 220 Laptop 40.6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium Czech, Slovakian

Brand : DELL

Product family: Pro

Product code: PCHWK

Product name : PB16255

DELL Pro 16 Plus PB16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 220, Processor frequency: 3.2 GHz. 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: AMD Radeon 740M. Operating system installed: Windows 11 Pro. Product colour: Aluminium



Design		Network	
Product type *	Laptop	Near Field Communication (NFC)	✓
Product colour *	Aluminium	Ports & interfaces	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		USB4 Gen 3x2 ports quantity	2
Display diagonal *	40.6 cm (16")	Ethernet LAN (RJ-45) ports	1
Display resolution *	1920 x 1200 pixels	HDMI ports quantity *	1
Touchscreen *	✗	HDMI version	2.1
HD type	Full HD+	Combo headphone/mic port	✓
Panel type	WVA	USB Type-C DisplayPort Alternate Mode	✓
Native aspect ratio	16:10	PowerShare	✓
Anti-glare screen	✓	Number of USB ports with PowerShare support	1
Display brightness	300 cd/m²	Keyboard	
Pixel density	142 ppi	Pointing device	Touchpad
RGB colour space	NTSC	Numeric keypad *	✓
Colour gamut	45%	Keyboard backlit	✓
Maximum refresh rate	60 Hz	Keyboard language	Czech, Slovakian
Contrast ratio (typical)	1000:1	Copilot key	✓
Processor		Software	
Processor manufacturer *	AMD	Operating system architecture	64-bit
Processor family *	AMD Ryzen™ 5	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor generation	AMD Ryzen 200 Series	Operating system installed *	Windows 11 Pro
Processor model *	220	Brand-specific features	
Processor cores	6	Brand specific technologies	Express Charge Boost capable, TNR
Processor threads	12	Battery	
Processor boost frequency	4.9 GHz	Number of battery cells	3
Processor frequency *	3.2 GHz	Battery capacity *	55 Wh
L3 cache	16 MB	Battery voltage	11.7 V
L2 cache	6 MB	Battery recharge time	4 h
Processor base power	15 W	Fast charging	✓
Maximum turbo power	30 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	✗		
Memory			
Internal memory *	16 GB		

Memory		Battery	
Internal memory type	LPDDR5x-SDRAM	Battery weight	220 g
Memory form factor	On-board	Power	
Maximum internal memory *	16 GB	AC adapter power	65 W
Memory channels	Dual-channel	AC adapter frequency	50 - 60 Hz
Memory data transfer rate	7500 MT/s	AC adapter input voltage	100 - 240 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Type-C required charging power (min) *	45 W
Storage media *	SSD	USB Type-C required charging power (max) *	100 W
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	USB charging voltage	5,9,15,20 V
SSD capacity	512 GB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Wedge
SSD form factor	M.2	Fingerprint reader	✓
M.2 SSD size	2230 (22 x 30 mm)	Smart card reader	✓
Optical drive type *	✗	Face recognition	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash)	Trusted Platform Module (TPM) version	2.0
Graphics		Operational conditions	
Discrete graphics card model *	Not available	Operating temperature (T-T)	0 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
On-board GPU manufacturer	AMD	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card *	✗	Storage relative humidity (H-H)	0 - 95%
On-board graphics card family	AMD Radeon	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	AMD Radeon 740M	Non-operating altitude	-15.2 - 10668 m
Audio		Operating shock	110 G
Audio chip	Realtek ALC3329	Non-operating shock	160 G
Number of built-in speakers	2	Operating vibration	0.66 G
Speaker power	2.5 W	Non-operating vibration	1.3 G
Built-in microphone	✓	Weight & dimensions	
Number of microphones	2	Width	358 mm
Camera		Depth	251.4 mm
Front camera	✓	Height	21.4 mm
Front camera resolution (numeric)	2.07 MP	Weight *	1.86 kg
Front camera resolution	1920 x 1080 pixels	Carbon footprint	
Front camera HD type	Full HD	Total carbon footprint (kg of CO2e)	124
Video capturing speed	30 fps	Carbon emissions, manufacturing (kg of CO2e)	94.12
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	5.7
Privacy camera	✓	Carbon emissions, energy usage (kg of CO2e)	21.45
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	2.73
Network		PAIA version	GaBi version 1, 2024
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Packaging content	
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)	AC adapter included *	✓
Mobile network connection *	✗		
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)		
Wi-Fi data rate (max)	2882 Mbit/s		
Antenna type	2x2		
WLAN controller model	MediaTek MT7925		
WLAN controller manufacturer	MediaTek		
Bluetooth	✓		



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