



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 Platinum, Silver Czech, Slovakian

Brand : DELL

Product family: Pro

Product code: 7DF96

Product name : PB16255

DELL Pro 16 Plus PB16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 220, Processor frequency: 3.5 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: Platinum, Silver



Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Platinum, Silver	USB4 Gen 3x2 ports quantity	2
Form factor *	Clamshell	HDMI ports quantity *	1
Housing material	Aluminium	HDMI version	2.1
Display		Combo headphone/mic port	✓
Display diagonal *	40.6 cm (16")	USB Type-C DisplayPort Alternate Mode	✓
Display resolution *	1920 x 1200 pixels	PowerShare	✓
Touchscreen *	✗	Number of USB ports with PowerShare support	1
HD type	Full HD+	Keyboard	
Panel type	WVA	Pointing device	Touchpad
Native aspect ratio	16:10	Numeric keypad *	✓
Anti-glare screen	✓	Keyboard backlit	✓
Display brightness	300 cd/m²	Keyboard language	Czech, Slovakian
Pixel density	142 ppi	Copilot key	✓
RGB colour space	NTSC	Software	
Colour gamut	45%	Operating system architecture	64-bit
Maximum refresh rate	60 Hz	Trial software	Activate Your Microsoft 365 For a 30 Day Trial
Contrast ratio (typical)	1000:1	Operating system installed *	Windows 11 Pro
Processor		Brand-specific features	
Processor manufacturer *	AMD	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, HDR Camera, TNR
Processor family *	AMD Ryzen™ 5	Battery	
Processor generation	AMD Ryzen 200 Series	Number of battery cells	3
Processor model *	220	Battery capacity *	55 Wh
Processor cores	6	Battery voltage	11.7 V
Processor threads	12	Battery recharge time	4 h
Processor boost frequency	4.9 GHz	Fast charging	✓
Processor frequency *	3.5 GHz	Battery weight	220 g
L3 cache	16 MB	Power	
L2 cache	6 MB	AC adapter frequency	50 - 60 Hz
Memory			
Internal memory *	16 GB		
Internal memory type	LPDDR5x-SDRAM		
Memory form factor	On-board		
Maximum internal memory *	16 GB		

Memory		Power	
Memory channels	Dual-channel	AC adapter input voltage	100 - 240 V
Memory data transfer rate	7500 MT/s	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	45 W
Total storage capacity *	512 GB	USB Type-C required charging power (max) *	65 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	512 GB	USB charging voltage	5,9,15,20 V
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Wedge
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	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
Discrete graphics card *	✗	Operating relative humidity (H-H)	10 - 90%
On-board graphics card model *	AMD Radeon 740M	Storage relative humidity (H-H)	0 - 95%
Audio		Operating altitude	-15.2 - 3048 m
Audio chip	Realtek ALC3329	Non-operating altitude	-15.2 - 10668 m
Number of built-in speakers	2	Operating shock	110 G
Speaker power	2.5 W	Non-operating shock	160 G
Built-in microphone	✓	Operating vibration	0.66 G
Number of microphones	2	Non-operating vibration	1.3 G
Camera		Weight & dimensions	
Front camera	✓	Width	358 mm
Front camera resolution (numeric)	2.07 MP	Depth	251.4 mm
Front camera resolution	1920 x 1080 pixels	Height	21.4 mm
Front camera HD type	Full HD	Weight *	1.86 kg
Video capturing speed	30 fps	Carbon footprint	
Infrared (IR) camera	✓	Total carbon footprint (kg of CO2e)	124
Privacy camera	✓	Carbon emissions, manufacturing (kg of CO2e)	94.12
Privacy type	Privacy shutter	Carbon emissions, logistics (kg of CO2e)	5.7
Network		Carbon emissions, energy usage (kg of CO2e)	21.45
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, end-of-life (kg of CO2e)	2.73
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)	PAIA version	GaBi version 1, 2024
Mobile network connection *	✗	Packaging content	
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)	AC adapter included *	✗
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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