



DELL Pro 16 Plus PB16255 AMD Ryzen™ 5 PRO PRO 230 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: KJ5TW

Product name : PB16255

DELL Pro 16 Plus PB16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: PRO 230, 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 760M. Operating system installed: Windows 11 Pro. Product colour: Aluminium



Design		Network	
Product type *	Laptop	Bluetooth	✓
Product colour *	Aluminium	Near Field Communication (NFC)	✓
Form factor *	Clamshell	WWAN	Not installed
Display		Ports & interfaces	
Display diagonal *	40.6 cm (16")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	1920 x 1200 pixels	USB4 Gen 3x2 ports quantity	2
Touchscreen *	✗	Ethernet LAN (RJ-45) ports	1
HD type	Full HD+	HDMI ports quantity *	1
Panel type	WVA	HDMI version	2.1
Native aspect ratio	16:10	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	300 cd/m²	PowerShare	✓
Pixel density	142 ppi	Number of USB ports with PowerShare support	1
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Touchpad
Maximum refresh rate	60 Hz	Numeric keypad *	✓
Contrast ratio (typical)	1000:1	Keyboard backlit	✓
Processor		Keyboard language	Czech, Slovakian
Processor manufacturer *	AMD	Copilot key	✓
Processor family *	AMD Ryzen™ 5 PRO	Software	
Processor generation	AMD Ryzen PRO 200 Series	Operating system architecture	64-bit
Processor model *	PRO 230	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor cores	6	Operating system installed *	Windows 11 Pro
Processor threads	12	Brand-specific features	
Processor boost frequency	4.9 GHz	Brand specific technologies	Express Charge Boost capable, TNR
Processor frequency *	3.5 GHz	Battery	
L3 cache	16 MB	Number of battery cells	3
L2 cache	6 MB	Battery capacity *	55 Wh
Processor base power	15 W	Battery voltage	11.7 V
Maximum turbo power	30 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	31 TOPs		
NPU performance up to	16 TOPs		

Neural processor unit (NPU)		Battery	
GPU performance up to	16 TOPs	Battery recharge time	4 h
Memory		Fast charging	✓
Internal memory *	16 GB	Battery weight	220 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	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) *	100 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	✓
M.2 SSD size	2230 (22 x 30 mm)	Face recognition	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	MicroSD (TransFlash)	Operational conditions	
Graphics		Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	Not available	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card *	✓	Operating relative humidity (H-H)	10 - 90%
On-board GPU manufacturer	AMD	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card *	✗	Operating altitude	-15.2 - 3048 m
On-board graphics card family	AMD Radeon	Non-operating altitude	-15.2 - 10668 m
On-board graphics card model *	AMD Radeon 760M	Operating shock	110 G
Audio		Non-operating shock	160 G
Audio chip	Realtek ALC3329	Operating vibration	0.66 G
Number of built-in speakers	2	Non-operating vibration	1.3 G
Speaker power	2.5 W	Weight & dimensions	
Built-in microphone	✓	Width	358 mm
Number of microphones	2	Depth	251.4 mm
Camera		Height	21.4 mm
Front camera	✓	Weight *	1.86 kg
Front camera resolution (numeric)	2.07 MP	Carbon footprint	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint (kg of CO2e)	124
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	94.12
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	5.7
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg of CO2e)	21.45
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2.73
Privacy type	Privacy shutter	PAIA version	GaBi version 1, 2024
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	AC adapter included *	✓
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)		
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		
Ethernet LAN	✓		



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