



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 Platinum, Silver German

Brand : DELL

Product family: Pro

Product code: HVNHY

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: Platinum, Silver



Design		Network	
Product type *	Laptop	Near Field Communication (NFC)	✓
Product colour *	Platinum, Silver	Ports & interfaces	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Housing material	Aluminium	USB4 Gen 3x2 ports quantity	2
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	40.6 cm (16")	HDMI ports quantity *	1
Display resolution *	1920 x 1200 pixels	HDMI version	2.1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD+	USB Type-C DisplayPort Alternate Mode	✓
Panel type	WVA	PowerShare	✓
Native aspect ratio	16:10	Number of USB ports with PowerShare support	1
Anti-glare screen	✓	Keyboard	
Display brightness	300 cd/m²	Pointing device	Touchpad
Pixel density	142 ppi	Numeric keypad *	✓
RGB colour space	NTSC	Keyboard backlit	✓
Colour gamut	45%	Keyboard language	German
Maximum refresh rate	60 Hz	Copilot key	✓
Contrast ratio (typical)	1000:1	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	AMD	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor family *	AMD Ryzen™ 5 PRO	Operating system installed *	Windows 11 Pro
Processor generation	AMD Ryzen PRO 200 Series	Brand-specific features	
Processor model *	PRO 230	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, HDR Camera, TNR
Processor cores	6	Battery	
Processor threads	12	Number of battery cells	3
Processor boost frequency	4.9 GHz	Battery capacity *	55 Wh
Processor frequency *	3.5 GHz	Battery voltage	11.7 V
L3 cache	16 MB	Battery recharge time	4 h
L2 cache	6 MB	Fast charging	✓
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	31 TOPs		
NPU performance up to	16 TOPs		

Memory		Battery	
Internal memory *	16 GB	Battery weight	220 g
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Memory channels	Dual-channel	USB Type-C charging port *	✓
Memory data transfer rate	7500 MT/s	USB Type-C required charging power (min) *	45 W
Storage		USB Type-C required charging power (max) *	65 W
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	USB charging voltage	5,9,15,20 V
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	512 GB	Cable lock slot type	Wedge
SSD interface	PCI Express 4.0	Smart card reader	✓
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Operational conditions	
Compatible memory cards	MicroSD (TransFlash)	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card *	✗	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	AMD Radeon 760M	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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