



DELL Pro 16 Plus PB16255 AMD Ryzen™ 5 PRO PRO 230 Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Platinum, Silver German

Brand : DELL

Product family: Pro

Product code: Y7X3K

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: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, 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	WWAN	Upgradable
Form factor *	Clamshell	Ports & interfaces	
Housing material	Aluminium	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	German
Contrast ratio (typical)	1000:1	Copilot key	✓
Processor		Software	
Processor manufacturer *	AMD	Operating system architecture	64-bit
Processor family *	AMD Ryzen™ 5 PRO	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor generation	AMD Ryzen PRO 200 Series	Operating system installed *	Windows 11 Pro
Processor model *	PRO 230	Brand-specific features	
Processor cores	6	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, HDR Camera, TNR
Processor threads	12	Battery	
Processor boost frequency	4.9 GHz	Number of battery cells	3
Processor frequency *	3.5 GHz	Battery capacity *	55 Wh
L3 cache	16 MB	Battery voltage	11.7 V
L2 cache	6 MB	Battery recharge time	4 h
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 *	32 GB	Fast charging	✓
Internal memory type	LPDDR5x-SDRAM	Battery weight	220 g
Memory form factor	On-board	Power	
Maximum internal memory *	32 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 *	1 TB	USB Type-C required charging power (max) *	65 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	1 TB	USB charging voltage	5,9,15,20 V
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Wedge
NVMe	✓	Smart card reader	✓
SSD form factor	M.2	Face recognition	✓
M.2 SSD size	2230 (22 x 30 mm)	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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