



DELL Pro 16 Plus PB16255 AMD Ryzen™ 5 220 Laptop 40.6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 256 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium

Brand : DELL

Product family: Pro

Product code:
BTO502_PB16255_EMEA

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: 256 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	Bluetooth	✓
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")	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%	Software	
Maximum refresh rate	60 Hz	Operating system architecture	64-bit
Contrast ratio (typical)	1000:1	Trial software	McAfee Business Protection 1-year, Microsoft Office Trial
Processor		Operating system installed *	Windows 11 Pro
Processor manufacturer *	AMD	Battery	
Processor family *	AMD Ryzen™ 5	Number of battery cells	3
Processor generation	AMD Ryzen 200 Series	Battery capacity *	55 Wh
Processor model *	220	Battery recharge time	4 h
Processor cores	6	Fast charging	✓
Processor threads	12	Power	
Processor boost frequency	4.9 GHz	AC adapter power	65 W
Processor frequency *	3.5 GHz	AC adapter frequency	50 - 60 Hz
Processor cache	22 MB	AC adapter input voltage	100 - 240 V
Processor cache type	L2 & L3	USB Type-C charging port *	✓
Processor base power	15 W	USB Type-C required charging power (min) *	45 W
Maximum turbo power	30 W		
Memory			
Internal memory *	16 GB		
Internal memory type	LPDDR5x-SDRAM		
Memory form factor	On-board		

Memory		Power	
Maximum internal memory *	16 GB	USB Type-C required charging power (max) *	65 W
Memory data transfer rate	7500 MT/s	USB Power Delivery (USB PD)	✓
Storage		USB charging voltage	5,9,15,20 V
Total storage capacity *	256 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	256 GB	Cable lock slot type	Wedge
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	256 GB	Smart card reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 35 °C
Card reader integrated	✓	Storage temperature (T-T)	-40 - 65 °C
Compatible memory cards	MicroSD (TransFlash)	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	Not available	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating shock	110 G
On-board graphics card model *	AMD Radeon 740M	Non-operating shock	160 G
Audio		Operating vibration	0.66 G
Audio chip	Realtek ALC3329	Non-operating vibration	1.3 G
Number of built-in speakers	2	Weight & dimensions	
Speaker power	2.5 W	Width	358 mm
Built-in microphone	✓	Depth	251.4 mm
Number of microphones	2	Height	21.4 mm
Camera		Weight *	1.86 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	2.07 MP	Total carbon footprint (kg of CO2e)	124
Front camera resolution	1920 x 1080 pixels	Carbon emissions, manufacturing (kg of CO2e)	94.116
Front camera HD type	Full HD	Carbon emissions, logistics (kg of CO2e)	5.704
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	21.452
Infrared (IR) camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2.73
Privacy camera	✓	PAIA version	GaBi version 1, 2024
Privacy type	Privacy shutter	Packaging content	
Network		AC adapter included *	✓
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)		
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		

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