



DELL Pro 13 Plus PB13255 AMD Ryzen™ 5 PRO 230 Laptop 33.8 cm (13.3") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium

Brand : DELL

Product family: Pro

Product code:
BTO504_PB13255_EMEA

Product name : PB13255

DELL Pro 13 Plus PB13255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: 230, Processor frequency: 3.5 GHz. Display diagonal: 33.8 cm (13.3"), 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	Ports & interfaces	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Housing material	Aluminium	HDMI ports quantity *	1
Display		HDMI version	2.1
Display diagonal *	33.8 cm (13.3")	Thunderbolt 4 ports quantity	2
Display resolution *	1920 x 1200 pixels	Intel® Thunderbolt 4	✓
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD+	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	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	170 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)	800:1	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 PRO	Number of battery cells	3
Processor generation	AMD Ryzen PRO 5000 Series	Battery capacity *	55 Wh
Processor model *	230	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		
Maximum turbo power	30 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	31 TOPs		

Neural processor unit (NPU)		Power	
NPU performance up to	16 TOPs	USB Type-C required charging power (min) *	45 W
Memory		USB Type-C required charging power (max) *	65 W
Internal memory *	16 GB	USB Power Delivery (USB PD)	✓
Internal memory type	LPDDR5x-SDRAM	USB charging voltage	5,9,15,20 V
Memory form factor	On-board	Security	
Maximum internal memory *	16 GB	Cable lock slot	✓
Memory data transfer rate	7500 MT/s	Cable lock slot type	Wedge
Storage		Fingerprint reader	✓
Total storage capacity *	512 GB	Smart card reader	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	0 - 35 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	10 - 90%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 95%
M.2 SSD size	2230 (22 x 30 mm)	Operating altitude	-15.2 - 3048 m
Optical drive type *	✗	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating shock	110 G
Discrete graphics card model *	Not available	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0.66 G
Discrete graphics card *	✗	Non-operating vibration	1.3 G
On-board graphics card model *	AMD Radeon 760M	Weight & dimensions	
Audio		Width	300 mm
Audio chip	Realtek ALC3329	Depth	215 mm
Number of built-in speakers	2	Height	19.8 mm
Speaker power	2.5 W	Weight *	1.37 kg
Built-in microphone	✓	Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	139
Camera		Carbon emissions, manufacturing (kg of CO2e)	117.177
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	2.919
Front camera resolution (numeric)	2.07 MP	Carbon emissions, energy usage (kg of CO2e)	17.653
Front camera resolution	1920 x 1080 pixels	Carbon emissions, end-of-life (kg of CO2e)	1.39
Front camera HD type	Full HD	PAIA version	GaBi version 1, 2024
Video capturing speed	30 fps	Packaging content	
Infrared (IR) camera	✓	AC adapter included *	✓
Network			
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)		
Antenna type	2x2		
WLAN controller model	MediaTek MT7925		
WLAN controller manufacturer	MediaTek		

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