



DELL Pro 16 Plus PB16255 Copilot+ PC AMD Ryzen™ 5 PRO PRO 340 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: FFP7D

Product name : PB16255

DELL Pro 16 Plus PB16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: PRO 340, Processor frequency: 2 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 840M. 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	Ports & interfaces	
Display		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display diagonal *	40.6 cm (16")	USB4 Gen 3x2 ports quantity	2
Display resolution *	1920 x 1200 pixels	Ethernet LAN (RJ-45) ports	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Full HD+	HDMI version	2.1
Panel type	WVA	Combo headphone/mic port	✓
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	PowerShare	✓
Display brightness	300 cd/m²	Number of USB ports with PowerShare support	1
Pixel density	142 ppi	Keyboard	
RGB colour space	NTSC	Pointing device	Touchpad
Colour gamut	45%	Numeric keypad *	✓
Maximum refresh rate	60 Hz	Keyboard backlit	✓
Contrast ratio (typical)	1000:1	Keyboard language	Czech, Slovakian
Processor		Copilot key	✓
Processor manufacturer *	AMD	Software	
Processor family *	AMD Ryzen™ 5 PRO	Operating system architecture	64-bit
Processor generation	AMD Ryzen AI PRO 300 Series	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor model *	PRO 340	Operating system installed *	Windows 11 Pro
Processor cores	6	Brand-specific features	
Processor threads	12	Brand specific technologies	Express Charge Boost capable, TNR
Processor boost frequency	4.8 GHz	Battery	
Processor frequency *	2 GHz	Number of battery cells	3
L3 cache	16 MB	Battery capacity *	55 Wh
L2 cache	6 MB	Battery voltage	11.7 V
Processor base power	15 W	Battery recharge time	4 h
Maximum turbo power	30 W		
Neural processor unit (NPU)			
Copilot+ PC	✓		
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	59 TOPs		

Neural processor unit (NPU)		Battery	
NPU performance up to	50 TOPs	Fast charging	✓
Memory		Battery weight	220 g
Internal memory *	16 GB	Power	
Internal memory type	LPDDR5x-SDRAM	AC adapter power	65 W
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) *	100 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	Fingerprint reader	✓
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%
On-board GPU manufacturer	AMD	Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	AMD Radeon	Operating shock	110 G
On-board graphics card model *	AMD Radeon 840M	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)	94.12
Front camera HD type	Full HD	Carbon emissions, logistics (kg of CO2e)	5.7
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	21.45
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		



5397184951958

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.