



DELL Pro Precision 5 16 PW516261 Copilot+ PC Intel Core Ultra 7 366H Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA RTX Pro 1000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro Black English

Brand : DELL

Product family: Pro Precision 5 **Product code:** VR3PM

Product name : PW516261

DELL Pro Precision 5 16 PW516261. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 366H. 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: Intel® Graphics, Discrete graphics card model: NVIDIA RTX Pro 1000 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Black



Copilot+PC



Design		Graphics	
Product type *	Laptop	Ray tracing acceleration	✓
Product colour *	Black	Audio	
Form factor *	Clamshell	Audio chip	Realtek ALC3333
Intel® vPro™ Platform Eligibility	✓	Number of built-in speakers	2
Display		Speaker power	5 W
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	1920 x 1200 pixels	Number of microphones	2
Touchscreen *	✗	Camera	
HD type	Full HD+	Front camera	✓
Panel type	WVA	Front camera resolution (numeric)	8.29 MP
Native aspect ratio	16:10	Front camera resolution	2560 x 1440 pixels
Anti-glare screen	✓	Front camera HD type	Quad HD
Display brightness	400 cd/m²	Video capturing speed	30 fps
RGB colour space	NTSC	Infrared (IR) camera	✓
Colour gamut	45%	Privacy camera	✓
Display response rise/fall	35 ms	Privacy type	Privacy shutter
Maximum refresh rate	60 Hz	Network	
Contrast ratio (typical)	1000:1	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor		802.11a, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 7 (802.11be), 802.11b, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	
Processor manufacturer *	Intel	Wi-Fi standards	
Processor family *	Intel Core Ultra 7	Mobile network connection *	✗
Processor generation	Intel® Core™ Ultra (Series 3)	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Processor model *	366H	Wi-Fi data rate (max)	5760 Mbit/s
Processor cores	16	WLAN controller model	Intel Wi-Fi 7 BE211
Processor threads	16	WLAN controller manufacturer	Intel
Processor boost frequency	4.8 GHz	Ethernet LAN	✓
Performance cores	4	Ethernet LAN data rates	10,100,1000 Mbit/s
Efficient cores	8		
Low Power Efficient-cores	4		

Processor		Network	
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	3.4 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core base frequency	2 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	1.6 GHz	HDMI ports quantity *	1
Low Power Efficient-core Base Frequency	1600 MHz	HDMI version	2.1
Processor cache	18 MB	Thunderbolt 4 ports quantity	2
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor socket	FCBGA2540	Combo headphone/mic port	✓
Processor base power	25 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	80 W	PowerShare	✓
Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Keyboard language	English
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN	Copilot key	✓
NPU performance up to	50 TOPs	Software	
GPU performance up to	40 TOPs	Operating system language	German, Dutch, English, Italian, French
Memory		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Internal memory *	32 GB	Operating system installed *	Windows 11 Pro
Internal memory type	LPDDR5x-SDRAM	Brand-specific features	
Memory form factor	LPCAMM2	Brand specific technologies	HDR Camera, Control Vault 3+, Presence Detection, Express Charge Boost capable, TNR
Memory layout (slots x size)	1 x 32 GB	Battery	
Maximum internal memory *	64 GB	Battery technology	Lithium Polymer (LiPo)
Memory channels	Dual-channel	Number of battery cells	6
Memory data transfer rate	8533 MT/s	Battery capacity *	96 Wh
Storage		Battery voltage	11.7 V
Total storage capacity *	1 TB	Battery weight	220 g
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	USB Type-C charging port *	✓
SSD interface	PCI Express 5.0	USB Type-C required charging power (min) *	27 W
NVMe	✓	USB Type-C required charging power (max) *	59 W
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
M.2 SSD size	2280 (22 x 80 mm)	Security	
Optical drive type *	✗	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Wedge
Compatible memory cards	MicroSD (TransFlash)	Dell ControlVault	✓
Graphics		Operational conditions	
Discrete GPU manufacturer	NVIDIA	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	NVIDIA RTX Pro 1000 Blackwell	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card memory	8 GB	Operating relative humidity (H-H)	10 - 90%
Discrete graphics memory type	GDDR7	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✓	Operating shock	110 G
On-board graphics card family	Intel® Graphics	Non-operating shock	160 G
On-board graphics card model *	Intel® Graphics		

Operational conditions	
Operating vibration	0.66 G
Non-operating vibration	1.3 G
Weight & dimensions	
Width	358 mm
Depth	256 mm
Height (front)	1.38 cm
Height (rear)	1.84 cm
Weight *	2.16 kg
Packaging content	
AC adapter included *	✗



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