



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 500 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro Black English

Brand : DELL

Product family: Pro Precision 5 **Product code:** N21YT

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 500 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Black



Copilot+PC



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

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	3.6 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Low Power Efficient-core Max Turbo Frequency	3.4 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2 GHz	HDMI ports quantity *	1
Efficient-core base frequency	1.6 GHz	HDMI version	2.1
Low Power Efficient-core Base Frequency	1600 MHz	Thunderbolt 4 ports quantity	2
Processor cache	18 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor socket	FCBGA2540	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	25 W	PowerShare	✓
Maximum turbo power	80 W		
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		
GPU performance up to	40 TOPs		
Memory		Software	
Internal memory *	32 GB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Pro
Memory form factor	LPCAMM2		
Memory layout (slots x size)	1 x 32 GB		
Maximum internal memory *	64 GB		
Memory channels	Dual-channel		
Memory data transfer rate	8533 MT/s		
Storage		Brand-specific features	
Total storage capacity *	1 TB	Brand specific technologies	HDR Camera, Control Vault 3+, Presence Detection, Express Charge Boost capable, TNR
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 5.0		
NVMe	✓		
SSD form factor	M.2		
M.2 SSD size	2280 (22 x 80 mm)		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	MicroSD (TransFlash)		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium Polymer (LiPo)
Discrete graphics card model *	NVIDIA RTX PRO 500 Blackwell	Number of battery cells	6
Discrete graphics card memory	6 GB	Battery capacity *	96 Wh
Discrete graphics memory type	GDDR7	Battery voltage	11.7 V
On-board graphics card *	✓	Battery weight	220 g
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		
Ray tracing acceleration	✓		
		Power	
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		USB Type-C charging port *	✓
		USB Type-C required charging power (min) *	27 W
		USB Type-C required charging power (max) *	59 W
		USB Power Delivery (USB PD)	✓
		Security	
		Cable lock slot	✓
		Cable lock slot type	Wedge
		Fingerprint reader	✓
		Smart card reader	✓
		Face recognition	✓
		Dell ControlVault	✓
		Operational conditions	
		Operating temperature (T-T)	0 - 35 °C
		Storage temperature (T-T)	-40 - 65 °C
		Operating relative humidity (H-H)	10 - 90%
		Storage relative humidity (H-H)	0 - 95%
		Operating altitude	-15.2 - 3048 m
		Non-operating altitude	-15.2 - 10668 m
		Operating shock	110 G
		Non-operating shock	160 G
		Operating vibration	0.66 G

Operational conditions	
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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