



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 Belgian

Brand : DELL

Product family: Pro Precision 5 **Product code:** 68RH2

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

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

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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