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 Nordic

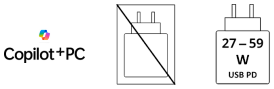


Brand : DELL **Product family:** Pro Precision 5 **Product code:** HJVPD

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





Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	Full HD+
Panel type	WVA
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	400 cd/m²
RGB colour space	NTSC
Colour gamut	45%
Display response rise/fall	35 ms
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1000:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 3)
Processor model *	366H
Processor cores	16
Processor threads	16
Processor boost frequency	4.8 GHz
Performance cores	4
Efficient cores	8
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	4.8 GHz

Audio	
Number of built-in speakers	2
Speaker power	5 W
Built-in microphone	✔
Number of microphones	2

Camera	
Front camera	✔
Front camera resolution (numeric)	8.29 MP
Front camera resolution	2560 x 1440 pixels
Front camera HD type	Quad HD
Video capturing speed	30 fps
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
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)
Mobile network connection *	✗
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Wi-Fi data rate (max)	5760 Mbit/s
WLAN controller model	Intel Wi-Fi 7 BE211
WLAN controller manufacturer	Intel
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔

Processor	
Efficient-core Max Turbo Frequency	3.6 GHz
Low Power Efficient-core Max Turbo Frequency	3.4 GHz
Performance-core base frequency	2 GHz
Efficient-core base frequency	1.6 GHz
Low Power Efficient-core Base Frequency	1600 MHz
Processor cache	18 MB
Processor cache type	Smart Cache
Processor socket	FCBGA2540
Processor base power	25 W
Maximum turbo power	80 W

Neural processor unit (NPU)	
Copilot+ PC	✔
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN
NPU performance up to	50 TOPs
GPU performance up to	40 TOPs

Memory	
Internal memory *	32 GB
Internal memory type	LPDDR5x-SDRAM
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	
Total storage capacity *	1 TB
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	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA RTX PRO 1000 Blackwell
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR7
On-board graphics card *	✔
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	✔

Audio	
Audio chip	Realtek ALC3333

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
PowerShare	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard language	Nordic
Copilot key	✔

Software	
Operating system language	English, Danish, Finnish, Norwegian, Swedish
Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed *	Windows 11 Pro

Brand-specific features	
Brand specific technologies	HDR Camera, Control Vault 3+, Presence Detection, Express Charge Boost capable, TNR

Battery	
Battery technology	Lithium Polymer (LiPo)
Number of battery cells	6
Battery capacity *	96 Wh
Battery voltage	11.7 V
Battery weight	220 g

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

Operational conditions	
Non-operating shock	160 G
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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