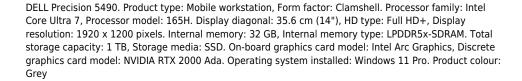


DELL Precision 5490 Intel Core Ultra 7 165H Mobile workstation 35.6 cm (14") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Brand : DELL Product family: Precision Product code: KD0MW

Product name: 5490







Design		Camera	
Product type * Product colour * Form factor * Market positioning Intel® vPro™ Platform Eligibility	Mobile workstation Grey Clamshell Business ✓	Front camera HD type Video capturing speed Infrared (IR) camera Network Top Wi-Fi standard *	HD 30 fps ✓ Wi-Fi 7 (802.11be)
Display Display diagonal * Display resolution * Touchscreen * HD type Panel type LED backlight Native aspect ratio Anti-glare screen Display brightness	35.6 cm (14") 1920 x 1200 pixels X Full HD+ WVA 16:10 500 cd/m² 161 ppi sRGB 100% 60 Hz 1000:1	Wi-Fi standards Mobile network connection * Antenna type WLAN controller model WLAN controller manufacturer Bluetooth MIMO MIMO type	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11a), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be) x 2x2 Intel Wi-Fi 7 BE200 Intel Multi User MIMO
Pixel density		Ports & interfaces	
RGB colour space Colour gamut Maximum refresh rate Contrast ratio (typical)		Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port USB Type-C DisplayPort Alternate	4 ✓
Processor		Mode	•
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores	Intel Intel Core Ultra 7 Intel® Core™ Ultra (Series 1) 165H 16	Performance Ambient light sensor Accelerometer Hall sensor	* * *
Processor threads	22	Keyboard	

Processor		Keyboard	
Processor boost frequency	5 GHz	Pointing device	Touchpad
Performance cores	6	Keyboard language	Belgian
Efficient cores	8	Numeric keypad *	×
Low Power Efficient-cores	2	Keyboard backlit	✓
Performance-core Max Turbo Frequency	5 GHz	Copilot key	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Software	
Low Power Efficient-core Max Turbo	2.5 GHz	Operating system architecture	64-bit
Frequency		Operating system language	German, Dutch, English, French,
Performance-core base frequency Efficient-core base frequency	1.4 GHz 0.9 GHz	operating system language	Italian
Low Power Efficient-core Base		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Frequency	700 MHz	Operating system installed *	Windows 11 Pro
Processor cache	24 MB	Microsoft Copilot	✓
Processor cache type	Smart Cache	Copilot+ PC	✓
Processor base power	28 W	Processor special features	
Maximum turbo power	115 W	·	
Neural processor unit (NPU)		Intel® Evo™ Platform Verified	✓
Neural processor unit (NPU)	Intel Al Boost	Battery	
Maximum frequency NPU	1.4 GHz	Number of battery cells	4
Sparsity support	•	Battery capacity *	72 Wh
Windows Studio effects support	•	Battery voltage	15.4 V
Al datatype support on NPU	FP16, FP32, Int8	Battery recharge time	4 h ✓
Al software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Fast charging	
Memory		Battery weight	285 g
Internal memory *	32 GB	Power	
Internal memory type	LPDDR5x-SDRAM	AC adapter power	130 W
Memory form factor	On-board	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	32 GB	AC adapter input voltage USB Type-C charging port *	100 - 240 V ✓
Memory channels	Dual-channel	USB Power Delivery (USB PD)	✓
Memory data transfer rate	7467 MT/s	, , ,	•
Storage		Security	
Total storage capacity *	1 TB	Cable lock slot	1
Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	1 TB	Fingerprint reader	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	1 TB	Trusted Platform Module (TPM) version	2.0
SSD interface NVMe	PCI Express 4.0	Password protection	1
SSD form factor	M.2	Operational conditions	
SSD performance class	40	•	0 - 35 °C
M.2 SSD size	2280 (22 x 80 mm)	Operating temperature (T-T) Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	×	Operating relative humidity (H-H)	10 - 90%
Card reader integrated	✓	Storage relative humidity (H-H)	0 - 95%
Compatible memory cards	MicroSD (TransFlash), MicroSDHC,	Operating altitude	-15.2 - 3048 m
companible memory cards	MicroSDXC	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating shock	110 G
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Non-operating shock	160 G
Discrete graphics card memory	8 GB	Operating vibration	0.66 G 1.3 G
Discrete graphics memory type	GDDR6	Non-operating vibration	1.5 0
On-board graphics card *	✓	Sustainability	
	Intel	Sustainability compliance	✓
On-board GPU manufacturer			
Discrete graphics card *	✓	Sustainability certificates	ENERGY STAR, TCO
Discrete graphics card * On-board graphics card family	✓ Intel Arc Graphics	Sustainability certificates Weight & dimensions	ENERGY STAR, TCO
Discrete graphics card * On-board graphics card family On-board graphics card model *	✓	•	ENERGY STAR, TCO 310.6 mm
Discrete graphics card * On-board graphics card family	✓ Intel Arc Graphics	Weight & dimensions	

Audio		Weight & dimensions	
Speaker power Built-in microphone	2 W ✓	Height (rear) Weight *	1.9 cm 1.49 kg
Number of microphones	2	Carbon footprint	
Camera Front camera	,	Total carbon footprint (kg of CO2e) Carbon emissions, manufacturing	115 87
Front camera resolution (numeric) Front camera resolution	0.92 MP 1280 x 720 pixels	(kg of CO2e) Carbon emissions, logistics (kg of CO2e)	6
		Carbon emissions, energy usage (kg of CO2e)	20
		Carbon emissions, end-of-life (kg of CO2e)	2
		Total carbon emissions, w/o use phase (kg of CO2e)	95
		PAIA version	GaBi version 1, 2024
		Packaging content	
		Cables included	AC



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