



DELL Precision 5490 Intel Core Ultra 7 165H Mobiilne tööjaam 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 Hall

Brand : DELL

Product family: Precision

Product code:
N002P5490EMEA_VP

Product name : 5490

DELL Precision 5490. Toote tüüp: Mobiilne tööjaam, Toote kuju: Kokkukäiv. Protsessori perekond: Intel Core Ultra 7, Protsessori mudel: 165H. Ekraani diagonaal: 35,6 cm (14"), HD tüüp: Full HD+, Ekraani resolutsioon: 1920 x 1200 pikslit. Sisemälu: 32 GB, Sisemälu tüüp: LPDDR5x-SDRAM. Salvestusmaht kokku: 1 TB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel Arc Graphics, Eraldiseisva graafika adapteri mudel: NVIDIA RTX 2000 Ada. Installitud operatsioonisüsteem: Windows 11 Pro. Toote värv: Hall



Design		Camera	
Product type *	Mobile workstation	Front camera resolution (numeric)	0.92 MP
Product colour *	Grey	Front camera resolution	1280 x 720 pixels
Form factor *	Clamshell	Front camera HD type	HD
Market positioning	Business	Video capturing speed	30 fps
Display		Infrared (IR) camera	✓
Display diagonal *	35.6 cm (14")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Touchscreen *	✗	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
HD type	Full HD+	Mobile network connection *	✗
Panel type	WVA	Antenna type	2x2
LED backlight	✓	WLAN controller model	Intel Wi-Fi 7 BE200
Native aspect ratio	16:10	WLAN controller manufacturer	Intel
Anti-glare screen	✓	Bluetooth	✓
Display brightness	500 cd/m ²	Ports & interfaces	
Pixel density	161 ppi	Thunderbolt 4 ports quantity	4
RGB colour space	sRGB	Intel® Thunderbolt 4	✓
Colour gamut	100%	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	Charging port type	USB Type-C
Contrast ratio (typical)	1000:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		Performance	
Processor manufacturer *	Intel	Ambient light sensor	✓
Processor family *	Intel Core Ultra 7	Accelerometer	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Hall sensor	✓
Processor model *	165H		
Processor cores	16		
Processor threads	22		
Processor boost frequency	5 GHz		
Performance cores	6		

Processor		Keyboard	
Efficient cores	8	Pointing device	Touchpad
Low Power Efficient-cores	2	Numeric keypad *	✗
Performance-core Max Turbo Frequency	5 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Software	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Operating system architecture	64-bit
Performance-core base frequency	1.4 GHz	Trial software	Microsoft Office Trial, McAfee Business Protection 1-year
Efficient-core base frequency	0.9 GHz	Operating system installed *	Windows 11 Pro
Low Power Efficient-core Base Frequency	700 MHz	Battery	
Processor cache	24 MB	Number of battery cells	4
Processor cache type	Smart Cache	Battery capacity *	72 Wh
Processor base power	28 W	Battery voltage	15.4 V
Maximum turbo power	115 W	Battery recharge time	4 h
Neural processor unit (NPU)		Fast charging	✓
Neural processor unit (NPU)	Intel AI Boost	Battery weight	285 g
Maximum frequency NPU	1.4 GHz	Power	
Sparsity support	✓	AC adapter power	130 W
Windows Studio effects support	✓	AC adapter frequency	50 - 60 Hz
AI datatype support on NPU	FP16, FP32, Int8	AC adapter input voltage	100 - 240 V
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	USB Power Delivery (USB PD) *	✓
Memory		Security	
Internal memory *	32 GB	Cable lock slot	✓
Internal memory type	LPDDR5x-SDRAM	Cable lock slot type	Wedge
Memory clock speed	7467 MHz	Fingerprint reader	✓
Memory form factor	On-board	Trusted Platform Module (TPM)	✓
Maximum internal memory *	32 GB	Trusted Platform Module (TPM) version	2.0
Memory channels	Dual-channel	Password protection	✓
Memory data transfer rate	7467 MT/s	Operational conditions	
Storage		Operating temperature (T-T)	0 - 35 °C
Total storage capacity *	1 TB	Storage temperature (T-T)	-40 - 65 °C
Storage media *	SSD	Operating relative humidity (H-H)	10 - 90%
Total SSDs capacity	1 TB	Storage relative humidity (H-H)	0 - 95%
Number of SSDs installed	1	Operating altitude	-15.2 - 3048 m
SSD capacity	1 TB	Non-operating altitude	-15.2 - 10668 m
SSD interface	PCI Express 4.0	Operating shock	110 G
NVMe	✓	Non-operating shock	160 G
SSD form factor	M.2	Operating vibration	0.66 G
Optical drive type *	✗	Non-operating vibration	1.3 G
Card reader integrated	✓	Sustainability	
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Sustainability compliance	✓
Graphics		Sustainability certificates	ENERGY STAR, TCO
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Weight & dimensions	
Discrete graphics memory type	GDDR6	Width	310.6 mm
On-board graphics card *	✓	Depth	210.3 mm
On-board GPU manufacturer	Intel	Height (front)	7.49 mm
Discrete graphics card *	✓	Height (rear)	1.9 cm
On-board graphics card family	Intel Arc Graphics	Weight *	1.49 kg
On-board graphics card model *	Intel Arc Graphics	Carbon footprint	
Audio		Total carbon footprint (kg of CO2e)	115
Number of built-in speakers	4	Carbon emissions, manufacturing (kg of CO2e)	87
Speaker power	2 W	Carbon emissions, logistics (kg of CO2e)	6
Built-in microphone	✓	Carbon emissions, energy usage (kg of CO2e)	20
Number of microphones	2		

Camera

Front camera ✓

Carbon footprint

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
-----------------	----

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.