



## DELL Precision 5490 Intel Core Ultra 7 155H Mobiilne tööjaam 35,6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA RTX 1000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Hall

Brand : DELL

Product family: Precision

Product code:  
N001P5490EMEA\_VP

Product name : 5490

DELL Precision 5490. Toote tüüp: Mobiilne tööjaam, Toote kuju: Kokkukäiv. Protsessori perekond: Intel Core Ultra 7, Protsessori mudel: 155H. Ekraani diagonaal: 35,6 cm (14"), HD tüüp: Full HD+, Ekraani resolutsioon: 1920 x 1200 pikslit. Sisemälu: 16 GB, Sisemälu tüüp: LPDDR5x-SDRAM. Salvestusmaht kokku: 1 TB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel Arc Graphics, Eraldiseisva graafika adapteri mudel: NVIDIA RTX 1000 Ada. Installitud operatsioonisüsteem: Windows 11 Pro. Toote värv: Hall



Design		Camera	
Product type *	Mobile workstation	Front camera	✓
Product colour *	Grey	Front camera resolution (numeric)	0.92 MP
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Market positioning	Business	Front camera HD type	HD
Display		Video capturing speed	30 fps
Display diagonal *	35.6 cm (14")	Infrared (IR) camera	✓
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	Full HD+	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)
Panel type	WVA	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 7 BE200
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	500 cd/m <sup>2</sup>	Bluetooth	✓
Pixel density	161 ppi	Ports & interfaces	
RGB colour space	sRGB	Thunderbolt 4 ports quantity	4
Colour gamut	100%	Intel® Thunderbolt 4	✓
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000:1	Charging port type	USB Type-C
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	Performance	
Processor family *	Intel Core Ultra 7	Ambient light sensor	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Accelerometer	✓
Processor model *	155H	Hall sensor	✓
Processor cores	16		
Processor threads	22		
Processor boost frequency	4.8 GHz		
Performance cores	6		

<b>Processor</b>		<b>Keyboard</b>	
Efficient cores	8	Pointing device	Touchpad
Low Power Efficient-cores	2	Numeric keypad *	✗
Performance-core Max Turbo Frequency	4.8 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3.8 GHz	<b>Software</b>	
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	<b>Battery</b>	
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
<b>Neural processor unit (NPU)</b>		Fast charging	✓
Neural processor unit (NPU)	Intel AI Boost	Battery weight	285 g
Maximum frequency NPU	1.4 GHz	<b>Power</b>	
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) *	✓
<b>Memory</b>		<b>Security</b>	
Internal memory *	16 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 *	16 GB	Trusted Platform Module (TPM) version	2.0
Memory channels	Dual-channel	Password protection	✓
Memory data transfer rate	7467 MT/s	<b>Operational conditions</b>	
<b>Storage</b>		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	✓	<b>Sustainability</b>	
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Sustainability compliance	✓
<b>Graphics</b>		Sustainability certificates	ENERGY STAR, TCO
Discrete graphics card model *	NVIDIA RTX 1000 Ada	<b>Weight &amp; dimensions</b>	
Discrete graphics card memory	6 GB	Width	310.6 mm
Discrete graphics memory type	GDDR6	Depth	210.3 mm
On-board graphics card *	✓	Height (front)	7.49 mm
On-board GPU manufacturer	Intel	Height (rear)	1.9 cm
Discrete graphics card *	✓	Weight *	1.49 kg
On-board graphics card family	Intel Arc Graphics	<b>Carbon footprint</b>	
On-board graphics card model *	Intel Arc Graphics	Total carbon footprint (kg of CO2e)	115
<b>Audio</b>		Carbon emissions, manufacturing (kg of CO2e)	87
Number of built-in speakers	4	Carbon emissions, logistics (kg of CO2e)	6
Speaker power	2 W	Carbon emissions, energy usage (kg of CO2e)	20
Built-in microphone	✓		
Number of microphones	2		

**Carbon footprint**

Carbon emissions, end-of-life (kg of CO <sub>2</sub> e)	2
Total carbon emissions, w/o use phase (kg of CO <sub>2</sub> e)	95
PAIA version	GaBi version 1, 2024

**Packaging content**

Cables included	AC
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