



## DELL Precision 5490 Intel Core Ultra 7 155H Mobile workstation 35.6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD NVIDIA RTX 1000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Brand : DELL

Product family: Precision

Product code: 7T7WH

Product name : 5490

- Windows 11 Pro 64-bit  
- Intel Core Ultra 7 155H (24MB Cache)  
- 35.6 cm (14") Full HD+ 1920 x 1200 WVA, NVIDIA RTX 1000 Ada (6GB GDDR6)  
- 16GB LPDDR5x-SDRAM & 512GB SSD  
Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200 WVA, Intel Arc Graphics, NVIDIA RTX 1000 Ada (6GB GDDR6), WLAN, Webcam, Windows 11 Pro 64-bit

[DELL Precision 5490 Intel Core Ultra 7 155H Mobile workstation 35.6 cm \(14"\) Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD NVIDIA RTX 1000 Ada Wi-Fi 7 \(802.11be\) Windows 11 Pro Grey:](#)

Take your ideas to the next level with \*the world's #1 workstations; optimized for performance, reliability and user experience.

DELL Precision 5490. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA RTX 1000 Ada. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Graphics	
Product type *	Mobile workstation	On-board graphics card family	Intel Arc Graphics
Product colour *	Grey	On-board graphics card model *	Intel Arc Graphics
Form factor *	Clamshell	Audio	
Market positioning	Business	Number of built-in speakers	4
Display		Speaker power	2 W
Display diagonal *	35.6 cm (14")	Built-in microphone	✓
Display resolution *	1920 x 1200 pixels	Number of microphones	2
Touchscreen *	✗	Camera	
HD type	Full HD+	Front camera	✓
Panel type	WVA	Front camera resolution (numeric)	0.92 MP
LED backlight	✓	Front camera resolution	1280 x 720 pixels
Native aspect ratio	16:10	Front camera HD type	HD
Anti-glare screen	✓	Video capturing speed	30 fps
Display brightness	500 cd/m²	Infrared (IR) camera	✓
Pixel density	161 ppi	Network	
RGB colour space	sRGB	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	100%	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)
Maximum refresh rate	60 Hz	Mobile network connection *	✗
Contrast ratio (typical)	1000:1	Antenna type	2x2
Processor		WLAN controller model	Intel Wi-Fi 7 BE200
Processor manufacturer *	Intel	WLAN controller manufacturer	Intel
Processor family *	Intel Core Ultra 7	Bluetooth	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Ports & interfaces	
Processor model *	155H	Thunderbolt 4 ports quantity	4
Processor cores	16	Intel® Thunderbolt 4	✓
Processor threads	22		
Processor boost frequency	4.8 GHz		
Performance cores	6		

Processor		Ports & interfaces	
Efficient cores	8	Combo headphone/mic port	✓
Low Power Efficient-cores	2	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.8 GHz	Performance	
Efficient-core Max Turbo Frequency	3.8 GHz	Ambient light sensor	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Accelerometer	✓
Performance-core base frequency	1.4 GHz	Hall sensor	✓
Efficient-core base frequency	0.9 GHz	Keyboard	
Low Power Efficient-core Base Frequency	700 MHz	Pointing device	Touchpad
Processor cache	24 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	28 W	Software	
Maximum turbo power	115 W	Operating system architecture	64-bit
Neural processor unit (NPU)		Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)	Intel AI 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
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery recharge time	4 h
Memory		Fast charging	✓
Internal memory *	16 GB	Battery weight	285 g
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Memory channels	Dual-channel	USB Type-C charging port *	✓
Memory data transfer rate	7467 MT/s	USB Power Delivery (USB PD)	✓
Storage		Security	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	512 GB	Password protection	✓
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 35 °C
SSD form factor	M.2	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, MicroSDXC	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	NVIDIA RTX 1000 Ada	Operating shock	110 G
Discrete graphics card memory	6 GB	Non-operating shock	160 G
Discrete graphics memory type	GDDR6	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✓	Sustainability certificates	ENERGY STAR, TCO
		Weight & dimensions	
		Width	310.6 mm
		Depth	210.3 mm
		Height (front)	7.49 mm
		Height (rear)	1.9 cm
		Weight *	1.49 kg
		Packaging content	
		Cables included	AC



0884116471714



884116471714

### Catalog Object Cloud



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.