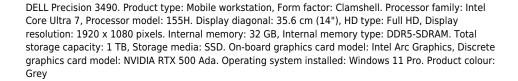


## DELL Precision 3490 Intel Core Ultra 7 155H Mobile workstation 35.6 cm (14") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 500 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL Product family: Precision Product code: GTH8Y

**Product name:** 3490







Design		Camera	
Product type *  Product colour *  Form factor *  Market positioning  Intel® vPro™ Platform Eligibility	Mobile workstation Grey Clamshell Business	Front camera Front camera resolution (numeric) Front camera resolution Front camera HD type Privacy camera	2.07 MP 1920 x 1080 pixels Full HD
Display		Privacy type	Privacy shutter
Display diagonal * Display resolution * Touchscreen * HD type Panel type LED backlight Native aspect ratio Anti-glare screen Display brightness Pixel density Display diagonal (metric) RGB colour space Colour gamut Maximum refresh rate Contrast ratio (typical)	35.6 cm (14") 1920 x 1080 pixels  X Full HD IPS  16:9  250 cd/m² 157 ppi 35.56 cm NTSC 45% 60 Hz 600:1	Network Top Wi-Fi standard * Wi-Fi standards  Mobile network connection * Wi-Fi data rate (max) Antenna type WLAN controller model WLAN controller manufacturer Ethernet LAN Ethernet LAN data rates Bluetooth MIMO MIMO type	Wi-Fi 6E (802.11ax) 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)  X 2400 Mbit/s 2x2 Intel Wi-Fi 6E AX211 Intel  10,100,1000 Mbit/s  Multi User MIMO
Processor		Ports & interfaces	
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores	Intel Intel Core Ultra 7 Intel® Core™ Ultra (Series 1) 155H 16	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity	2 1 1 2.1 2

Processor		Ports & interfaces	
Processor threads	22	Intel® Thunderbolt 4	✓
Processor boost frequency	4.8 GHz	Combo headphone/mic port	✓
Performance cores Efficient cores	6 8	Charging port type	USB Type-C
Low Power Efficient-cores	2	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo		PowerShare	<b>✓</b>
Frequency	4.8 GHz		•
Efficient-core Max Turbo Frequency	3.8 GHz	Performance	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Motherboard chipset	Intel SoC
Performance-core base frequency	1.4 GHz	Ambient light sensor	✓
Efficient-core base frequency	0.9 GHz	Keyboard	
Low Power Efficient-core Base	700 MHz	Pointing device	Touchpad
Frequency		Keyboard language	Nordic
Processor cache Processor cache type	24 MB Smart Cache	Numeric keypad *	×
Processor base power	28 W	Keyboard backlit	1
Maximum turbo power	115 W	Software	
Neural processor unit (NPU)		Operating system architecture	64-bit
Neural processor unit (NPU)	Intel Al Boost	Operating system language	Danish, English, Finnish, Norwegian,
Maximum frequency NPU	1.4 GHz		Swedish  No Microsoft Office License Included
Sparsity support	✓	Trial software	30 day Trial Offer Only
Windows Studio effects support	1	Operating system installed *	Windows 11 Pro
Al datatype support on NPU	FP16, FP32, Int8	Battery	
Al software frameworks supported	DirectML, ONNX RT, OpenVINO,	Number of battery cells	3
by NPU	Windows ML	Battery capacity *	54 Wh
Memory		Battery voltage	11.4 V
Internal memory *	32 GB	Battery recharge time	4 h
Internal memory type	DDR5-SDRAM	Fast charging	1
Memory form factor	SO-DIMM	Battery weight	220 g
Memory layout (slots x size) Memory slots	2 x 16 GB 2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	130 W
Memory data transfer rate	5600 MT/s	AC adapter frequency	50/60 Hz
Non-ECC	✓	AC adapter input voltage	100 - 240 V
Storage		USB Power Delivery (USB PD) *	20.5.1/
Total storage capacity *	1 TB	USB charging voltage USB charging current	20,5 V 1.8 A
Storage media *	SSD		1.0 A
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	<b>✓</b>
SSD capacity	1 TB	Cable lock slot type	Wedge
SSD memory type	TLC	Smart card reader	<b>✓</b>
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)  Trusted Platform Module (TPM)	✓
NVMe	<b>✓</b>	version	2.0
SSD form factor SSD performance class	M.2 35	Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	X	Storage temperature (T-T)	-40 - 65 °C
Card reader integrated	×	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete GPU manufacturer	NVIDIA	Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	NVIDIA NVIDIA RTX 500 Ada	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card memory	4 GB	Operating shock Non-operating shock	110 G 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	Weight & dimensions	
Discrete graphics card *	✓	Width	321.4 mm
On-board graphics card family	Intel Arc Graphics	Depth	212 mm
		1	

Graphics		Weight & dimensions	
On-board graphics card model *	Intel Arc Graphics	Height (front)	1.91 cm
Audio		Height (rear)	2.1 cm
Audio system	MaxxAudio Pro	Weight *	1.4 kg
Number of built-in speakers	2	Carbon footprint	
Speakers manufacturer	Waves	Total carbon footprint (kg of CO2e)	104
Speaker power	2 W	Carbon emissions, manufacturing	76
Built-in microphone	✓	(kg of CO2e)	
Number of microphones	2	Carbon emissions, logistics (kg of CO2e)	4
		Carbon emissions, energy usage (kg of CO2e)	23
		Carbon emissions, end-of-life (kg of CO2e)	1
		Total carbon emissions, w/o use phase (kg of CO2e)	81
		PAIA version	GaBi version 1, 2024



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