



DELL Precision 3590 Intel Core Ultra 7 155H Workstation mobile 39,6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX 500 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Italiano Grigio

Marchio : DELL

Famiglia del prodotto:
Precision

Codice prodotto: 1GXKR

Nome del prodotto : 3590

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 155H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA RTX 500 Ada (4GB GDDR6)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core Ultra 7 155H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Arc Graphics, NVIDIA RTX 500 Ada (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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Prestazioni straordinarie. Progettato per utenti esperti.

Con prestazioni ottimizzate in modo intelligente, Precision 3590 è la workstation affidabile per applicazioni creative e di progettazione entry-level.



Design		Camera	
Product type *	Mobile workstation	Privacy camera	✓
Product colour *	Grey	Privacy type	Privacy shutter
Form factor *	Clamshell	Network	
Market positioning	Business	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Intel® vPro™ Platform Eligibility	✓	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	39.6 cm (15.6")	Wi-Fi data rate (max)	2400 Mbit/s
Display resolution *	1920 x 1080 pixels	Antenna type	2x2
Touchscreen *	✗	WLAN controller model	Intel Wi-Fi 6E AX211
HD type	Full HD	WLAN controller manufacturer	Intel
Panel type	IPS	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Native aspect ratio	16:9	Bluetooth	✓
Anti-glare screen	✓	MIMO	✓
Display brightness	250 cd/m²	Ports & interfaces	
Pixel density	141 ppi	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display diagonal (metric)	39.6 cm	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Maximum refresh rate	60 Hz	Thunderbolt 4 ports quantity	2
Contrast ratio (typical)	700:1	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel Core Ultra 7	PowerShare	✓
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	155H		
Processor cores	16		

Processor		Performance	
Processor threads	22	Motherboard chipset	Intel SoC
Processor boost frequency	4.8 GHz	Ambient light sensor	✓
Performance cores	6	Keyboard	
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	Keyboard number of keys	100
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Keyboard language	Italian
Performance-core base frequency	1.4 GHz	Copilot key	✓
Efficient-core base frequency	0.9 GHz	Software	
Low Power Efficient-core Base Frequency	700 MHz	Operating system architecture	64-bit
Processor cache	24 MB	Operating system language	English, Spanish, French, Italian, Portuguese
Processor cache type	Smart Cache	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Number of processors supported	1	Operating system installed *	Windows 11 Pro
Processor base power	28 W	Microsoft Copilot	✓
Maximum turbo power	115 W	Battery	
Neural processor unit (NPU)		Number of battery cells	3
Neural processor unit (NPU)	Intel AI Boost	Battery capacity *	54 Wh
Sparsity support	✓	Battery voltage	11.4 V
Windows Studio effects support	✓	Battery recharge time	4 h
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Fast charging	✓
		Battery weight	220 g
Memory		Power	
Internal memory *	16 GB	AC adapter power	130 W
Internal memory type	DDR5-SDRAM	AC adapter frequency	50/60 Hz
Memory form factor	SO-DIMM	AC adapter input voltage	100 - 240 V
Memory layout (slots x size)	1 x 16 GB	USB Type-C charging port *	✓
Memory slots	2x SO-DIMM	USB Power Delivery (USB PD)	✓
Maximum internal memory *	64 GB	USB charging voltage	20,5 V
Memory channels	Single-channel	USB charging current	6.5 A
Memory data transfer rate	5600 MT/s	Security	
ECC	✗	Cable lock slot	✓
Non-ECC	✓	Cable lock slot type	Wedge
Storage		Fingerprint reader	✗
Total storage capacity *	512 GB	Smart card reader	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	0 - 35 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	10 - 90%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 95%
SSD performance class	35	Operating altitude	-15.2 - 3048 m
Optical drive type *	✗	Non-operating altitude	-15.2 - 10668 m
Card reader integrated	✓	Operating shock	110 G
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Non-operating shock	160 G
Graphics		Operating vibration	0.66 G
Discrete GPU manufacturer	NVIDIA	Non-operating vibration	1.3 G
Discrete graphics card model *	NVIDIA RTX 500 Ada	Certificates	
Discrete graphics card memory	4 GB	Wi-Fi certified	✓
Discrete graphics memory type	GDDR6	Sustainability	
On-board graphics card *	✓	Sustainability compliance	✓
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		

Graphics		Sustainability	
On-board graphics card family	Intel Arc Graphics	Sustainability certificates	TCO, ENERGY STAR, EPEAT Gold
On-board graphics card model *	Intel Arc Graphics	Weight & dimensions	
Maximum on-board graphics card resolution	7680 x 4320 pixels	Width	357.8 mm
Maximum discrete graphics card resolution	7680 x 4320 pixels	Depth	233.3 mm
Audio		Height	22.8 mm
Audio system	MaxxAudio	Height (front)	2.08 cm
Number of built-in speakers	2	Height (rear)	2.28 cm
Speakers manufacturer	Waves	Weight *	1.62 kg
Speaker power	2 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	119
Number of microphones	2	Carbon emissions, manufacturing (kg of CO2e)	86
Camera		Carbon emissions, logistics (kg of CO2e)	4
Front camera	✓	Carbon emissions, energy usage (kg of CO2e)	28
Front camera resolution (numeric)	2.07 MP	Carbon emissions, end-of-life (kg of CO2e)	1
Front camera resolution	1920 x 1080 pixels	Total carbon emissions, w/o use phase (kg of CO2e)	91
Front camera HD type	Full HD	PAIA version	GaBi version 1, 2024
Video capturing speed	30 fps	Packaging content	
		Mouse included on selected markets only	✗
		Stylus pen	✗
		Cables included	AC
		Other features	
		RAID support	✗



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