



DELL Precision 3591 Intel Core Ultra 7 155H Workstation mobile 39,6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX 1000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Grigio

Marchio : DELL

Famiglia del prodotto:
Precision

Codice prodotto: VCD5W

Nome del prodotto : 3591

- 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 1000 Ada (6GB 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 1000 Ada (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Precision 3591 Intel Core Ultra 7 155H Workstation mobile 39,6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX 1000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Grigio:

Ottimizzata in modo intelligente e con prestazioni elevate, Precision 3591 è una potente workstation entry-level per applicazioni creative e di progettazione.



Design		Camera	
Product type *	Mobile workstation	Video capturing speed	30 fps
Product colour *	Grey	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Market positioning	Business	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	39.6 cm (15.6")	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1080 pixels	Mobile network connection *	✗
Touchscreen *	✗	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
HD type	Full HD	Wi-Fi data rate (max)	2400 Mbit/s
Panel type	IPS	Antenna type	2x2
LED backlight	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Native aspect ratio	16:9	WLAN controller manufacturer	Intel
Anti-glare screen	✓	Ethernet LAN	✓
Display brightness	400 cd/m²	Ethernet LAN data rates	10,100,1000 Mbit/s
Pixel density	141 ppi	Bluetooth	✓
RGB colour space	sRGB	MIMO	✓
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	60 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Contrast ratio (typical)	800:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 7	Thunderbolt 4 ports quantity	2
Processor generation	Intel® Core™ Ultra (Series 1)	Intel® Thunderbolt 4	✓
Processor model *	155H	Combo headphone/mic port	✓
Processor cores	16		
Processor threads	22		
Processor boost frequency	4.8 GHz		
Performance cores	6		

Processor		Ports & interfaces	
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	2	PowerShare	✓
Performance-core Max Turbo Frequency	4.8 GHz	Number of USB ports with PowerShare support	1
Efficient-core Max Turbo Frequency	3.8 GHz	Keyboard	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Pointing device	Touchpad
Performance-core base frequency	1.4 GHz	Keyboard language	Italian
Efficient-core base frequency	0.9 GHz	Numeric keypad *	✓
Low Power Efficient-core Base Frequency	700 MHz	Keyboard backlit	✓
Processor cache	24 MB	Keyboard number of keys	100
Processor cache type	Smart Cache	Software	
Number of processors supported	1	Operating system architecture	64-bit
Processor base power	28 W	Operating system language	English, Spanish, French, Italian, Portuguese
Maximum turbo power	115 W	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Neural processor unit (NPU)		Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)	Intel AI Boost	Brand-specific features	
Maximum frequency NPU	1.4 GHz	Brand specific technologies	TNR
Sparsity support	✓	Battery	
Windows Studio effects support	✓	Number of battery cells	4
AI datatype support on NPU	FP16, FP32, Int8	Battery capacity *	64 Wh
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery voltage	15.2 V
Memory		Battery recharge time	3 h
Internal memory *	16 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Battery charge indicator	✓
Memory form factor	SO-DIMM	Battery weight	280 g
Memory layout (slots x size)	1 x 16 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	130 W
Maximum internal memory *	64 GB	AC adapter frequency	50 - 60 Hz
Memory channels	Single-channel	AC adapter input voltage	100 - 240 V
Memory data transfer rate	5600 MT/s	USB Type-C charging port *	✓
ECC	✗	USB Power Delivery (USB PD) *	✓
Non-ECC	✓	USB charging voltage	5,20 V
Storage		Security	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	512 GB	Smart card reader	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
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
SSD performance class	35	Operating relative humidity (H-H)	10 - 90%
Optical drive type *	✗	Storage relative humidity (H-H)	0 - 95%
Card reader integrated	✓	Operating altitude	-15.2 - 3048 m
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating shock	110 G
Discrete GPU manufacturer	NVIDIA	Non-operating shock	160 G
Discrete graphics card model *	NVIDIA RTX 1000 Ada	Operating vibration	0.66 G
Discrete graphics card memory	6 GB	Non-operating vibration	1.3 G
Discrete graphics memory type	GDDR6	Certificates	
On-board graphics card *	✓	Wi-Fi certified	✓
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card family	Intel Arc Graphics		

Graphics		Sustainability	
On-board graphics card model *	Intel Arc Graphics	Sustainability compliance	✓
Maximum on-board graphics card resolution	7680 x 4320 pixels	Sustainability certificates	ENERGY STAR, TCO
Maximum discrete graphics card resolution	7680 x 4320 pixels	Weight & dimensions	
Audio		Width	357.8 mm
		Depth	233.3 mm
		Height	24.7 mm
		Height (front)	2.27 cm
		Height (rear)	2.47 cm
		Weight *	1.79 kg
Number of built-in speakers2 Speakers manufacturerWaves Speaker power2 W Built-in microphone✓ Number of microphones2		Carbon footprint	
		Total carbon footprint (kg of CO2e)	120
		Carbon emissions, manufacturing (kg of CO2e)	84
		Carbon emissions, logistics (kg of CO2e)	5
		Carbon emissions, energy usage (kg of CO2e)	31
		Carbon emissions, end-of-life (kg of CO2e)	1
Camera		Total carbon emissions, w/o use phase (kg of CO2e)	89
		PAIA version	GaBi version 1, 2024
		Packaging content	
		Stylus pen	✗
		Cables included	AC
		Other features	
		RAID support	✗



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