



DELL Precision 5690 Intel Core Ultra 7 165H Workstation mobile 40,6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Italiano Grigio

Marchio : DELL

Famiglia del prodotto:
Precision

Codice prodotto: R3G69

Nome del prodotto : 5690

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 165H (24MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS, NVIDIA RTX 2000 Ada (8GB GDDR6)
- 32GB LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 165H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel Arc Graphics, NVIDIA RTX 2000 Ada (8GB GDDR6), WLAN, Webcam, Windows 11 Pro 64-bit

DELL Precision 5690 Intel Core Ultra 7 165H Workstation mobile 40,6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Italiano Grigio:

Prestazioni intelligenti. Per creare i tuoi capolavori.

Una workstation premium progettata per gli utenti che desiderano un display di grandi dimensioni e prestazioni eccezionali e intelligenti in un design sottile e leggero. È dotata di fotocamera FHD HDR a infrarossi, trackpad tattile e audio premium per un'esperienza di alta qualità.



Design		Network	
Product type *	Mobile workstation	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product colour *	Grey	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)
Form factor *	Clamshell		
Market positioning	Business	Mobile network connection *	✗
Intel® vPro™ Platform Eligibility	✓	Antenna type	2x2
Display		WLAN controller model	Intel Wi-Fi 7 BE200
Display diagonal *	40.6 cm (16")	WLAN controller manufacturer	Intel
Display resolution *	1920 x 1200 pixels	Ethernet LAN	✗
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD+	MIMO	✓
Panel type	IPS	MIMO type	Multi User MIMO
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	500 cd/m²	HDMI version	2.1
Pixel density	142 ppi	Thunderbolt 4 ports quantity	2
RGB colour space	DCI-P3	Intel® Thunderbolt 4	✓
Colour gamut	100%	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	1300:1	Performance	
Processor		Ambient light sensor	✓
Processor manufacturer *	Intel	Accelerometer	✓
Processor family *	Intel Core Ultra 7	Proximity sensor	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Gyroscope	✓
Processor model *	165H		
Processor cores	16		
Processor threads	22		

Processor		Performance	
Processor boost frequency	5 GHz	Hall sensor	✓
Performance cores	6	Keyboard	
Efficient cores	8	Pointing device	Touchpad
Low Power Efficient-cores	2	Numeric keypad *	✗
Performance-core Max Turbo Frequency	5 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Keyboard language	Italian
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Copilot key	✓
Performance-core base frequency	1.4 GHz	Software	
Efficient-core base frequency	0.9 GHz	Operating system architecture	64-bit
Low Power Efficient-core Base Frequency	700 MHz	Operating system language	German, Dutch, English, French, Italian
Processor cache	24 MB	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Number of processors supported	1	Microsoft Copilot	✓
Processor base power	28 W	Battery	
Maximum turbo power	115 W	Battery technology	Lithium-Ion (Li-Ion)
Neural processor unit (NPU)		Number of battery cells	6
Neural processor unit (NPU)	Intel AI Boost	Battery capacity *	99.5 Wh
Sparsity support	✓	Battery voltage	11.55 V
Windows Studio effects support	✓	Battery recharge time	3 h
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Fast charging	✓
Memory		Battery charge indicator	✓
Internal memory *	32 GB	Battery weight	363 g
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter power	165 W
Memory layout (slots x size)	Not available	AC adapter frequency	50 - 60 Hz
Memory slots	Not available	AC adapter input voltage	100 - 240 V
Memory channels	Dual-channel	USB Power Delivery (USB PD)	✓
Memory data transfer rate	7467 MT/s	Security	
Storage		Cable lock slot	✓
Total storage capacity *	1 TB	Cable lock slot type	Wedge
Storage media *	SSD	Fingerprint reader	✓
Total SSDs capacity	1 TB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	1 TB	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
SSD performance class	40	Operating relative humidity (H-H)	10 - 90%
M.2 SSD size	2280 (22 x 80 mm)	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Operating altitude	-15.2 - 3048 m
Compatible memory cards	Not supported	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 2000 Ada	Operating vibration	0.66 G
Discrete graphics card memory	8 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	Sustainability	
Discrete graphics card *	✓	Sustainability certificates	ENERGY STAR, TCO
On-board graphics card family	Intel Arc Graphics	Weight & dimensions	
On-board graphics card model *	Intel Arc Graphics	Width	353.7 mm
Maximum on-board graphics card resolution	7680 x 4320 pixels	Depth	240.3 mm
Maximum discrete graphics card resolution	3840 x 2160 pixels		

Audio		Weight & dimensions	
Number of built-in speakers	4	Height	22.2 mm
Speakers manufacturer	Waves	Height (front)	2.05 cm
Built-in microphone	✓	Height (rear)	2.22 cm
Number of microphones	2	Weight *	2.03 kg
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	246
Front camera resolution (numeric)	2.07 MP	Carbon emissions, manufacturing (kg of CO2e)	200.49
Front camera resolution	1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	6.888
Front camera HD type	Full HD	Carbon emissions, energy usage (kg of CO2e)	35.916
Video capturing speed	30 fps	Carbon emissions, end-of-life (kg of CO2e)	2.46
Infrared (IR) camera	✓	Total carbon emissions, w/o use phase (kg of CO2e)	210.084
		PAIA version	GaBi version 1, 2024
Packaging content			
Mouse included on selected markets only			✗
Stylus pen			✗
Cables included			AC
Other features			
RAID support			✗



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