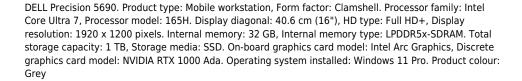


DELL Precision 5690 Intel Core Ultra 7 165H Mobile workstation 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA RTX 1000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Brand : DELL Product family: Precision Product code: 6VFPX

Product name: 5690











Opilot+PC

Design		Camera	
Product type * Product colour *	Mobile workstation Grey Clamshell Business	Video capturing speed Infrared (IR) camera	30 fps ✓
Form factor *		Network	
Market positioning Intel® vPro™ Platform Eligibility		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display		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)
Display diagonal * Display resolution * Touchscreen * HD type Panel type LED backlight Native aspect ratio Anti-glare screen Display brightness Pixel density RGB colour space Colour gamut Maximum refresh rate Contrast ratio (typical)	40.6 cm (16") 1920 x 1200 pixels	Mobile network connection * Antenna type WLAN controller model WLAN controller manufacturer Bluetooth MIMO MIMO type Ports & interfaces USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity	2x2 Intel Wi-Fi 7 BE200 Intel Multi User MIMO 1 1 2.1 2
Processor		Intel® Thunderbolt 4	√
rocessor manufacturer * Intel rocessor family * Intel Core Ultra 7 rocessor generation Intel® Core™ Ultra (Series 1)	Combo headphone/mic port USB Type-C DisplayPort Alternate Mode USB Power Delivery	✓ ✓	
Processor model *	165H	Performance	
Processor cores Processor threads Processor boost frequency	16 22 5 GHz	Ambient light sensor Accelerometer Proximity sensor	✓ ✓ ✓

Processor		Performance	
Performance cores	6	Gyroscope	1
Efficient cores	8	Hall sensor	✓
Low Power Efficient-cores	2	Keyboard	
Performance-core Max Turbo Frequency	5 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	3.8 GHz	Keyboard language	Nordic
Low Power Efficient-core Max Turbo		Numeric keypad *	×
Frequency	2.5 GHz	Keyboard backlit	1
Performance-core base frequency	1.4 GHz	Copilot key	1
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	Danish, English, Finnish, Norwegian,
Processor cache type	Smart Cache	operating system language	Swedish
Processor base power	28 W	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
Maximum turbo power	115 W	Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)		Microsoft Copilot	✓
Neural processor unit (NPU)	Intel Al Boost	Battery	
Maximum frequency NPU	1.4 GHz	•	Lithium Ion (Li Ion)
Sparsity support	√ V	Battery technology Number of battery cells	Lithium-Ion (Li-Ion) 6
Windows Studio effects support	<i>'</i>	Battery capacity *	99.5 Wh
Al datatype support on NPU	FP16, FP32, Int8	Battery voltage	11.55 V
Al software frameworks supported	DirectML, ONNX RT, OpenVINO,	Battery recharge time	3 h
by NPU	Windows ML	Fast charging	1
Memory		Battery charge indicator	1
Internal memory *	32 GB	Battery weight	363 g
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter power	165 W
Maximum internal memory *	32 GB	AC adapter frequency	50 - 60 Hz
Memory channels	Dual-channel	AC adapter input voltage	100 - 240 V
Memory data transfer rate	7467 MT/s	Security	
Storage		Cable lock slot	1
Total storage capacity *	1 TB	Cable lock slot type	Wedge
Storage media *	SSD	Fingerprint reader	✓
Total SSDs capacity	1 TB	Trusted Platform Module (TPM)	1
Number of SSDs installed	1	Trusted Platform Module (TPM)	2.0
SSD capacity SSD interface	1 TB PCI Express 4.0	version	
NVMe	✓	Password protection	✓
SSD form factor	M.2	Operational conditions	
SSD performance class	40	Operating temperature (T-T)	0 - 35 °C
M.2 SSD size	2280 (22 x 80 mm)	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	X	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	NVIDIA RTX 1000 Ada	Operating altitude	-15.2 - 3048 m
Discrete graphics card memory	6 GB	Non-operating altitude	-15.2 - 10668 m
Discrete graphics memory type	GDDR6	Operating shock	110 G 160 G
On-board graphics card *	✓	Non-operating shock Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
Discrete graphics card *	✓		· -
On-board graphics card family	Intel Arc Graphics	Weight & dimensions	252.7
On-board graphics card model *	Intel Arc Graphics	Width	353.7 mm
Audio		Depth Height (front)	240.3 mm 2.05 cm
Number of built-in speakers	4	Height (front) Height (rear)	2.05 cm 2.22 cm
Speakers manufacturer	Waves	Weight *	2.03 kg
Built-in microphone	✓		- .
Number of microphones	2	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	246
Front camera	1	Carbon emissions, manufacturing (kg of CO2e)	200

Camera **Carbon footprint** Front camera resolution (numeric) 2.07 MP Carbon emissions, logistics (kg of CO2e) 1920 x 1080 pixels Front camera resolution Carbon emissions, energy usage (kg 36 Front camera HD type Full HD of CO2e) Carbon emissions, end-of-life (kg of CO2e) Total carbon emissions, w/o use 210 phase (kg of CO2e) PAIA version GaBi verison1 **Packaging content** Cables included AC



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