



DELL Precision 5690 Intel Core Ultra 7 165H Mobilityöasema 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 Harmaa

Tuotemerkki : DELL

Tuoteperhe: Precision

Tuotekoodi: 6VFPX

Tuotteen nimi : 5690

DELL Precision 5690. Tuotetyyppi: Mobiilityöasema, Kotelo: Simpukka. Suoritinperhe: Intel Core Ultra 7, Prosessorimalli: 165H. Näytön halkaisija: 40,6 cm (16"), HD-tyyppi: Full HD+, Näytön erottelutarkkuus: 1920 x 1200 pikseliä. Sisäinen muisti: 32 GB, Sisäisen muistin tyyppi: LPDDR5x-SDRAM. Kokonaistallennuskapasiteetti: 1 TB, Tallennusmedia: SSD. Sisältyvän näytönohjaimen malli: Intel Arc Graphics, Erillisen näytönohjaimen malli: NVIDIA RTX 1000 Ada. Käyttöjärjestelmä asennettu: Windows 11 Pro. Tuotteen väri: Harmaa



Design		Camera	
Product type *	Mobile workstation	Video capturing speed	30 fps
Product colour *	Grey	Infrared (IR) camera	✓
Form factor *	Clamshell	Network	
Market positioning	Business	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Intel® vPro™ Platform Eligibility	✓	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		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	WLAN controller model	Intel Wi-Fi 7 BE200
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	Full HD+	Bluetooth	✓
Panel type	IPS	MIMO	✓
LED backlight	✓	MIMO type	Multi User MIMO
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display brightness	500 cd/m ²	HDMI ports quantity *	1
Pixel density	142 ppi	HDMI version	2.1
RGB colour space	DCI-P3	Thunderbolt 4 ports quantity	2
Colour gamut	100%	Intel® Thunderbolt 4	✓
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1300:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		Performance	
Processor manufacturer *	Intel	Ambient light sensor	✓
Processor family *	Intel Core Ultra 7	Accelerometer	✓
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	165H		
Processor cores	16		
Processor threads	22		

Processor		Performance	
Processor boost frequency	5 GHz	Proximity sensor	✓
Performance cores	6	Gyroscope	✓
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 Frequency	2.5 GHz	Numeric keypad *	✗
Performance-core base frequency	1.4 GHz	Keyboard backlit	✓
Efficient-core base frequency	0.9 GHz	Copilot key	✓
Low Power Efficient-core Base Frequency	700 MHz	Software	
Processor cache	24 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system language	Danish, English, Finnish, Norwegian, 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 AI Boost	Copilot+ PC	✓
Maximum frequency NPU	1.4 GHz	Battery	
Sparsity support	✓	Battery technology	Lithium-Ion (Li-Ion)
Windows Studio effects support	✓	Number of battery cells	6
AI datatype support on NPU	FP16, FP32, Int8	Battery capacity *	99.5 Wh
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery voltage	11.55 V
Memory		Battery recharge time	3 h
Internal memory *	32 GB	Fast charging	✓
Internal memory type	LPDDR5x-SDRAM	Battery charge indicator	✓
Memory form factor	On-board	Battery weight	363 g
Maximum internal memory *	32 GB	Power	
Memory channels	Dual-channel	AC adapter power	165 W
Memory data transfer rate	7467 MT/s	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	1 TB	USB Power Delivery (USB PD) *	✓
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
SSD capacity	1 TB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Password protection	✓
SSD performance class	40	Operational conditions	
M.2 SSD size	2280 (22 x 80 mm)	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete graphics card model *	NVIDIA RTX 1000 Ada	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card memory	6 GB	Operating altitude	-15.2 - 3048 m
Discrete graphics memory type	GDDR6	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
Discrete graphics card *	✓	Operating vibration	0.66 G
On-board graphics card family	Intel Arc Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel Arc Graphics	Weight & dimensions	
Audio		Width	353.7 mm
Number of built-in speakers	4	Depth	240.3 mm
Speakers manufacturer	Waves	Height (front)	2.05 cm
Built-in microphone	✓	Height (rear)	2.22 cm
Number of microphones	2		

Camera		Weight & dimensions	
Front camera	✓	Weight *	2.03 kg
Front camera resolution (numeric)	2.07 MP	Carbon footprint	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint (kg of CO2e)	246
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	200
		Carbon emissions, logistics (kg of CO2e)	7
		Carbon emissions, energy usage (kg of CO2e)	36
		Carbon emissions, end-of-life (kg of CO2e)	2
		Total carbon emissions, w/o use phase (kg of CO2e)	210
		PAIA version	GaBi version 1, 2024
		Packaging content	
		Cables included	AC



5397184808474

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.