



DELL Precision 5680 Intel® Core™ i9 i9-13900H Estación de trabajo móvil 40.6 cm (16") Full HD+ 32 GB LPDDR5-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Gris

Marca : DELL

Familia de productos:
Precision

Código del producto:
1025593268119

Nombre del producto : 5680

DELL Precision 5680. Tipo de producto: Estación de trabajo móvil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i9, Modelo del procesador: i9-13900H. Diagonal de la pantalla: 40.6 cm (16"), Tipo HD: Full HD+, Resolución de la pantalla: 1920 x 1200 Píxeles. Memoria interna: 32 GB, Tipo de memoria interna: LPDDR5-SDRAM. Capacidad total de almacenaje: 1 TB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel Iris Xe Graphics, Modelo de adaptador de gráficos discretos: NVIDIA RTX 2000 Ada. Sistema operativo instalado: Windows 11 Pro. Color del producto: Gris



Design		Camera	
Colour name	Titan Gray	Front camera HD type	Full HD
Product type *	Mobile workstation	Video capturing speed	30 fps
Product colour *	Grey	Infrared (IR) camera	✓
Form factor *	Clamshell	Network	
Housing material	Aluminium	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Business	Wi-Fi standards	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 *	40.6 cm (16")	Wi-Fi data rate (max)	2400 Mbit/s
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
Touchscreen *	✗	WLAN controller model	Intel Wi-Fi 6E AX211
HD type	Full HD+	WLAN controller manufacturer	Intel
Panel type	WLED	Ethernet LAN	✗
LED backlight	✓	Bluetooth	✓
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/m²	HDMI ports quantity *	1
Pixel density	142 ppi	HDMI version	2.0b
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	Charging port type	USB Type-C
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	Performance	
Processor family *	Intel® Core™ i9	Accelerometer	✓
Processor generation	13th gen Intel® Core™ i9		
Processor model *	i9-13900H		
Processor cores	14		
Processor boost frequency	5.4 GHz		

Processor		Keyboard	
Performance cores	6	Pointing device	Trackpad
Efficient cores	8	Numeric keypad *	✗
Performance-core Max Turbo Frequency	5.4 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	4.1 GHz	Software	
Processor cache	24 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Processor base power	45 W	Battery	
Maximum turbo power	115 W	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	6
Internal memory *	32 GB	Battery capacity *	99.5 Wh
Internal memory type	LPDDR5-SDRAM	Battery voltage	11.55 V
Memory form factor	On-board	Battery recharge time	3 h
Maximum internal memory *	32 GB	Fast charging	✓
Storage		Battery weight	363 g
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	165 W
Total SSDs capacity	1 TB	AC adapter frequency	50/60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	USB charging voltage	20,5,9,15 V
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Wedge
SSD performance class	40	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Operational conditions	
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card memory	8 GB	Storage relative humidity (H-H)	0 - 95%
Discrete graphics memory type	GDDR6	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
On-board GPU manufacturer	Intel	Operating shock	110 G
Discrete graphics card *	✓	Non-operating shock	160 G
On-board graphics card model *	Intel Iris Xe Graphics	Operating vibration	0.66 G
Audio		Non-operating vibration	1.3 G
Audio chip	Realtek ALC711-VD	Sustainability	
Number of built-in speakers	4	Sustainability compliance	✓
Speaker power	8 W	Sustainability certificates	ENERGY STAR, EPEAT Gold
Built-in microphone	✓	Weight & dimensions	
Number of microphones	2	Width	353.7 mm
Camera		Depth	240.3 mm
Front camera	✓	Height (front)	2.62 cm
Front camera resolution (numeric)	0.9 MP	Height (rear)	2.62 cm
Front camera resolution	1920 x 1080 pixels	Weight *	1.91 kg
		Packaging content	
		Cables included	AC

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.

Publication date: 29-NOV-2024. Prints or copies of Information are only valid on the printed Publication date