



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	USB Type-C DisplayPort Alternate Mode	✓
Processor		Performance	
Processor manufacturer *	Intel	Accelerometer	✓
Processor family *	Intel® Core™ i9		
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 Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB charging voltage	20,5,9,15 V
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
SSD performance class	40	Cable lock slot type	Wedge
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operational conditions	
Graphics		Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card memory	8 GB	Operating relative humidity (H-H)	10 - 90%
Discrete graphics memory type	GDDR6	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✓	Operating shock	110 G
On-board graphics card model *	Intel Iris Xe Graphics	Non-operating shock	160 G
Audio		Operating vibration	0.66 G
Audio chip	Realtek ALC711-VD	Non-operating vibration	1.3 G
Number of built-in speakers	4	Sustainability	
Speaker power	8 W	Sustainability compliance	✓
Built-in microphone	✓	Sustainability certificates	ENERGY STAR, EPEAT Gold
Number of microphones	2	Weight & dimensions	
Camera		Width	353.7 mm
Front camera	✓	Depth	240.3 mm
Front camera resolution (numeric)	0.9 MP	Height (front)	2.62 cm
Front camera resolution	1920 x 1080 pixels	Height (rear)	2.62 cm
		Weight *	1.91 kg
		Packaging content	
		Cables included	AC

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