



DELL Precision 5680 Intel® Core™ i7 i7-13700H Station de travail mobile 40,6 cm (16") Full HD+ 32 Go LPDDR5-SDRAM 1 To SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 11 Pro Gris

Marque : DELL

Famille de produit: Precision

Code produit: H9FJT

Nom du produit : 5680

- Windows 11 Pro 64-bit
- Intel Core i7-13700H (24MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200 WLED, NVIDIA RTX A1000 (6GB GDDR6)
- 32GB (6000MHz) LPDDR5-SDRAM & 1000GB SSD

Intel Core i7-13700H (24MB Cache), 32GB LPDDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 WLED, Intel Iris Xe Graphics, NVIDIA RTX A1000 (6GB GDDR6), WLAN, Webcam, Windows 11 Pro 64-bit

DELL Precision 5680 Intel® Core™ i7 i7-13700H Station de travail mobile 40,6 cm (16") Full HD+ 32 Go LPDDR5-SDRAM 1 To SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 11 Pro Gris:

Le modèle Precision 5680 présente un aspect haut de gamme et fournit des performances exceptionnelles avec des options de carte graphique étendues.



Design		Network	
Colour name	Titan Gray	WLAN controller manufacturer	Intel
Product type *	Mobile workstation	Ethernet LAN	✗
Product colour *	Grey	Bluetooth	✓
Form factor *	Clamshell	Ports & interfaces	
Housing material	Aluminium	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Market positioning	Business	HDMI ports quantity *	1
Intel® vPro™ Platform Eligibility	✓	HDMI version	2.0b
Display		Thunderbolt 4 ports quantity	2
Display diagonal *	40.6 cm (16")	Intel® Thunderbolt 4	✓
Display resolution *	1920 x 1200 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	Full HD+	Performance	
Panel type	WLED	Accelerometer	✓
LED backlight	✓	Keyboard	
Native aspect ratio	16:10	Pointing device	Trackpad
Anti-glare screen	✓	Keyboard language	Belgian
Display brightness	500 cd/m²	Numeric keypad *	✗
Pixel density	142 ppi	Keyboard backlit	✓
RGB colour space	DCI-P3	Keyboard number of keys	80
Colour gamut	100%	Software	
Maximum refresh rate	60 Hz	Operating system architecture	64-bit
Contrast ratio (typical)	1300:1	Operating system language	German, Dutch, English, French, Italian
Processor		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor manufacturer *	Intel		
Processor family *	Intel® Core™ i7		
Processor generation	13th gen Intel® Core™ i7		
Processor model *	i7-13700H		

Processor		Software	
Processor cores	14	Operating system installed *	Windows 11 Pro
Processor threads	20	Processor special features	
Processor boost frequency	5 GHz	CPU configuration (max)	1
Performance-core boost frequency	5 GHz	Battery	
Efficient-core boost frequency	3.7 GHz	Battery technology	Lithium-Ion (Li-Ion)
Processor cache	24 MB	Number of battery cells	6
Processor cache type	Smart Cache	Battery capacity *	99.5 Wh
Configurable TDP-down	35 W	Battery voltage	11.55 V
Processor base power	45 W	Battery recharge time	3 h
Memory		Fast charging	✓
Internal memory *	32 GB	Battery weight	363 g
Internal memory type	LPDDR5-SDRAM	Power	
Memory clock speed	6000 MHz	AC adapter power	165 W
Memory form factor	On-board	AC adapter frequency	50/60 Hz
Maximum internal memory *	32 GB	AC adapter input voltage	100 - 240 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	1 TB	USB charging voltage	20,5,9,15 V
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	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
SSD performance class	40	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	10 - 90%
Card reader integrated	✓	Storage relative humidity (H-H)	0 - 95%
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	NVIDIA RTX A1000	Operating shock	110 G
Discrete graphics card memory	6 GB	Non-operating shock	160 G
Discrete graphics memory type	GDDR6	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✓	Sustainability compliance	✓
On-board graphics card model *	Intel Iris Xe Graphics	Sustainability certificates	ENERGY STAR, EPEAT Gold
Audio		Weight & dimensions	
Audio chip	Realtek ALC711-VD	Width	353.7 mm
Number of built-in speakers	4	Depth	240.3 mm
Speaker power	8 W	Height (front)	2.62 cm
Built-in microphone	✓	Height (rear)	2.62 cm
Number of microphones	2	Weight *	1.91 kg
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	475
Front camera resolution (numeric)	0.9 MP	Total carbon emissions, standard deviation (kg of CO2e)	92
Front camera resolution	1920 x 1080 pixels	Carbon emissions, manufacturing (kg of CO2e)	398
Front camera HD type	Full HD	Carbon emissions, logistics (kg of CO2e)	25
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	49
Infrared (IR) camera	✓	Carbon emissions, end-of-life (kg of CO2e)	3
Network		Total carbon emissions, w/o use phase (kg of CO2e)	426
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	PAIA version	1.3.2
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Wi-Fi data rate (max)	2400 Mbit/s		

Network		Packaging content	
Antenna type	2x2	Cables included	AC
WLAN controller model	Intel Wi-Fi 6E AX211		



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