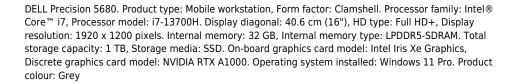


DELL Precision 5680 Intel® Core™ i7 i7-13700H Mobile workstation 40.6 cm (16") Full HD+ 32 GB LPDDR5-SDRAM 1 TB SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 11 Pro US International Grey

Brand : DELL Product family: Precision Product code: 6N01N

Product name: 5680







Design		Network			
Colour name	Titan Gray	Ethernet LAN X			
Product type *	Mobile workstation	Bluetooth	✓		
Product colour *	Grey	Ports & interfaces			
Form factor *	Clamshell				
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	1		
Touchscreen *	×	USB Type-C DisplayPort Alternate			
HD type	Full HD+	Mode	✓		
Panel type	WLED	Performance			
LED backlight	✓	Accelerometer	1		
Native aspect ratio	16:10	Karah sand			
Anti-glare screen	✓	Keyboard			
Display brightness	500 cd/m ²	Pointing device	Trackpad		
Pixel density	142 ppi	Numeric keypad *	×		
RGB colour space	DCI-P3	Keyboard backlit	✓		
Colour gamut	100%	Keyboard number of keys	79		
Maximum refresh rate	60 Hz	Keyboard language	US International		
Contrast ratio (typical)	1300:1	Software			
Processor		Operating system architecture	64-bit		
Processor manufacturer *	Intel	Operating system language	Multilingual		
Processor family * Processor generation	Intel® Core™ i7 13th gen Intel® Core™ i7	Trial software	No Microsoft Office License Included 30 day Trial Offer Only		
Processor model *	i7-13700H	Operating system installed *	Windows 11 Pro		

Processor		Processor special features	
Processor cores	14	CPU configuration (max)	1
Processor boost frequency	5 GHz	Battery	
Performance-core boost frequency	5 GHz	Battery technology	Lithium-lon (Li-lon)
Efficient-core boost frequency Processor cache	3.7 GHz 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
Memory		Battery recharge time	3 h
Internal memory *	32 GB	Fast charging	✓
Internal memory type	LPDDR5-SDRAM	Battery weight	363 g
Memory clock speed	6000 MHz	Power	
Memory form factor	On-board	AC adapter power	165 W
Maximum internal memory *	32 GB	AC adapter frequency	50/60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	1 TB	USB Type-C charging port *	20 5 0 15 V
Storage media *	SSD	USB charging voltage	20,5,9,15 V
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	1 TB	Cable lock slot type	Wedge
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	1	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2		
SSD performance class	40	Operational conditions	
Optical drive type *	X	Operating temperature (T-T)	0 - 35 °C
Card reader integrated	✓	Storage temperature (T-T)	-40 - 65 °C
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating relative humidity (H-H) Storage relative humidity (H-H)	10 - 90% 0 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
•	NIVIDIA RTV A1000	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model * Discrete graphics card memory	NVIDIA RTX A1000 4 GB	Operating shock	110 G
Discrete graphics memory type	GDDR6	Non-operating shock	160 G
On-board graphics card *	/	Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
Discrete graphics card *	✓	Sustainability	
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	1	Total carbon footprint (kg of CO2e)	475
Front camera resolution (numeric)	0.9 MP	Total carbon emissions, standard	92
Front camera resolution	1920 x 1080 pixels	deviation (kg of CO2e) Carbon emissions, manufacturing	
Front camera HD type	Full HD	(kg of CO2e)	398
Video capturing speed	30 fps	Carbon emissions, logistics (kg of	25
Infrared (IR) camera	✓	CO2e)	
Network		Carbon emissions, energy usage (kg of CO2e)	49
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Carbon emissions, end-of-life (kg of CO2e)	3
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Total carbon emissions, w/o use phase (kg of CO2e)	426
Mobile network connection *	X	PAIA version	1.3.2
Wi-Fi data rate (max)	2400 Mbit/s	Packaging content	
Antenna type	2x2	Cables included	AC
WLAN controller model	Intel Wi-Fi 6E AX211		-

et		

WLAN controller manufacturer

Intel



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