



DELL Precision 5470 Intel® Core™ i7 i7-12800H Mobile workstation 35.6 cm (14") Full HD+ 16 GB LPDDR5-SDRAM 512 GB SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 10 Pro Grey

Brand : DELL

Product family: Precision

Product code: 1P0WC

Product name : 5470

- Windows 10 Pro 64-bit
 - Intel Core i7-12800H (24MB Cache)
 - 35.6 cm (14") Full HD+ 1920 x 1200 WLED, NVIDIA RTX A1000 (4GB GDDR6)
 - 16GB (5200MHz) LPDDR5-SDRAM & 512GB SSD
- Intel Core i7-12800H (24MB Cache), 16GB LPDDR5-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200 WLED, Intel Iris Xe Graphics, NVIDIA RTX A1000 (4GB GDDR6), WLAN, Webcam, Windows 10 Pro 64-bit

DELL Precision 5470 Intel® Core™ i7 i7-12800H Mobile workstation 35.6 cm (14") Full HD+ 16 GB LPDDR5-SDRAM 512 GB SSD NVIDIA RTX A1000 Wi-Fi 6E (802.11ax) Windows 10 Pro Grey:

Power your creative zone

14" mobile workstation featuring 4-sided InfinityEdge display, up to 12 Gen Intel Core i9 and professional graphics from Intel or NVIDIA.



Design		Network	
Product type *	Mobile workstation	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product colour *	Grey	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)
Form factor *	Clamshell		
Market positioning	Business	Mobile network connection *	✗
Intel® vPro™ Platform Eligibility	✓	Wi-Fi data rate (max)	2400 Mbit/s
Display		Antenna type	2x2
Display diagonal *	35.6 cm (14")	WLAN controller model	Intel Wi-Fi 6E AX211
Display resolution *	1920 x 1200 pixels	WLAN controller manufacturer	Intel
Touchscreen *	✗	Ethernet LAN	✗
HD type	Full HD+	Bluetooth	✓
Panel type	WLED	Near Field Communication (NFC)	✓
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	Thunderbolt 4 ports quantity	4
Anti-glare screen	✓	Intel® Thunderbolt 4	✓
Display brightness	500 cd/m²	Combo headphone/mic port	✓
Pixel pitch	0.1572 x 0.1572 mm	USB Type-C DisplayPort Alternate Mode	✓
Pixel density	161 ppi	Performance	
RGB colour space	sRGB	Ambient light sensor	✓
Colour gamut	100%	Accelerometer	✓
Display response rise/fall	35 ms	Keyboard	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Contrast ratio (typical)	1200:1	Numeric keypad *	✗
Processor		Keyboard backlit	✓
Processor manufacturer *	Intel		
Processor family *	Intel® Core™ i7		
Processor generation	12th gen Intel® Core™ i7		
Processor model *	i7-12800H		

Processor		Software	
Processor cores	14	Operating system architecture	64-bit
Processor boost frequency	4.8 GHz	Windows 11 free upgrade	✓
Processor cache	24 MB	Operating system installed *	Windows 10 Pro
Configurable TDP-down	35 W	Processor special features	
Memory		CPU configuration (max)	1
Internal memory *	16 GB	Battery	
Internal memory type	LPDDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	5200 MHz	Number of battery cells	4
Memory form factor	On-board	Battery capacity *	72 Wh
Maximum internal memory *	16 GB	Battery voltage	15.4 V
Storage		Battery recharge time	4 h
Total storage capacity *	512 GB	Fast charging	✓
Storage media *	SSD	Battery weight	285 g
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	AC adapter power	130 W
SSD capacity	512 GB	AC adapter frequency	50/60 Hz
SSD interface	PCI Express	AC adapter input voltage	100 - 240 V
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	USB charging voltage	20,5 V
Card reader integrated	✓	USB charging current	6.5 A
Compatible memory cards	SDXC, SD, SDHC	Security	
Graphics		Cable lock slot	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA RTX A1000	Trusted Platform Module (TPM) version	2.0
Discrete graphics card memory	4 GB	Password protection	✓
Discrete graphics memory type	GDDR6	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	0 - 35 °C
On-board GPU manufacturer	Intel	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card *	✓	Operating relative humidity (H-H)	10 - 90%
On-board graphics card model *	Intel Iris Xe Graphics	Storage relative humidity (H-H)	0 - 95%
Audio		Operating altitude	-15.2 - 3048 m
Number of built-in speakers	4	Non-operating altitude	-15.2 - 10668 m
Speaker power	8 W	Operating shock	110 G
Built-in subwoofer	✓	Non-operating shock	160 G
Built-in microphone	✓	Operating vibration	0.66 G
Number of microphones	2	Non-operating vibration	1.3 G
Camera		Sustainability	
Front camera	✓	Sustainability certificates	ENERGY STAR, EPEAT Gold
Front camera resolution (numeric)	0.92 MP	Weight & dimensions	
Front camera resolution	1280 x 720 pixels	Width	310.6 mm
Front camera HD type	HD	Depth	210.3 mm
Video capturing speed	30 fps	Height (front)	7.49 mm
Infrared (IR) camera	✓	Height (rear)	1.11 cm
		Weight *	1.48 kg



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Catalog Object Cloud



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