



DELL Precision 5480 Intel® Core™ i7 i7-13800H Mobile workstation 35.6 cm (14") Full HD+ 32 GB LPDDR5-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro English Grey

Brand : DELL

Product family: Precision

Product code: PNKJK

Product name : 5480



DELL Precision 5480. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13800H. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA RTX 2000 Ada. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Network	
Product type *	Mobile workstation	Antenna type	2x2
Product colour *	Grey	WLAN controller model	Intel Wi-Fi 6E AX211
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Intel® vPro™ Platform Eligibility	✓	Ethernet LAN	✗
Display		Bluetooth	✓
Display diagonal *	35.6 cm (14")	MIMO	✓
Display resolution *	1920 x 1200 pixels	MIMO type	Multi User MIMO
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD+	Thunderbolt 4 ports quantity	4
Panel type	WVA	Intel® Thunderbolt 4	✓
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	Performance	
Display brightness	500 cd/m ²	Ambient light sensor	✓
Pixel pitch	0.1578 x 0.1578 mm	Accelerometer	✓
Pixel density	161 ppi	Hall sensor	✓
RGB colour space	sRGB	Keyboard	
Colour gamut	100%	Pointing device	Touchpad
Display response rise/fall	35 ms	Numeric keypad *	✗
Contrast ratio (typical)	1000:1	Keyboard backlight	✓
Processor		Keyboard language	English
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i7	Operating system architecture	64-bit
Processor generation	13th gen Intel® Core™ i7	Operating system language	Multilingual
Processor model *	i7-13800H		
Processor cores	14		
Processor threads	20		

Processor		Software	
Processor boost frequency	5.2 GHz	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Performance cores	6	Operating system installed *	Windows 11 Pro
Efficient cores	8	Bundled software	Windows System Driver
Performance-core Max Turbo Frequency	5.2 GHz	Processor special features	
Efficient-core Max Turbo Frequency	4 GHz	CPU configuration (max)	1
Processor cache	24 MB	Battery	
Processor cache type	Smart Cache	Battery technology	Lithium-Ion (Li-Ion)
Configurable TDP-down	35 W	Number of battery cells	4
Processor base power	45 W	Battery capacity *	72 Wh
Maximum turbo power	115 W	Battery voltage	15.4 V
Memory		Battery recharge time	3 h
Internal memory *	32 GB	Fast charging	✓
Internal memory type	LPDDR5-SDRAM	Battery weight	285 g
Memory clock speed	6000 MHz	Power	
Memory form factor	On-board	AC adapter power	130 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 *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	1 TB	USB charging voltage	20,5 V
Number of SSDs installed	1	USB charging current	6.5 A
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Wedge
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
SSD performance class	40	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Operational conditions	
Card reader integrated	✓	Operating temperature (T-T)	0 - 35 °C
Compatible memory cards	MicroSD (TransFlash)	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete GPU manufacturer	NVIDIA	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Operating altitude	-15.2 - 3048 m
Discrete graphics card memory	8 GB	Non-operating altitude	-15.2 - 10668 m
Discrete graphics memory type	GDDR6	Operating shock	110 G
On-board graphics card *	✓	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
Discrete graphics card *	✓	Non-operating vibration	1.3 G
On-board graphics card family	Intel Iris Xe Graphics	Weight & dimensions	
On-board graphics card model *	Intel Iris Xe Graphics	Width	310.6 mm
Audio		Depth	210.3 mm
Audio chip	Realtek ALC711-VD	Height (front)	7.49 mm
Number of built-in speakers	4	Height (rear)	1.11 cm
Built-in microphone	✓	Weight *	1.48 kg
Number of microphones	2	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	390
Front camera	✓	Total carbon emissions, standard deviation (kg of CO2e)	84
Front camera resolution (numeric)	0.92 MP	Carbon emissions, manufacturing (kg of CO2e)	334
Front camera resolution	1280 x 720 pixels	Carbon emissions, logistics (kg of CO2e)	13
Front camera HD type	HD	Carbon emissions, energy usage (kg of CO2e)	41
Video capturing speed	30 fps	Carbon emissions, end-of-life (kg of CO2e)	2
Infrared (IR) camera	✓	Network	
Network		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)

Network		Carbon footprint	
Mobile network connection *	✘	Total carbon emissions, w/o use phase (kg of CO2e)	349
Wi-Fi data rate (max)	2400 Mbit/s	PAIA version	1.3.2
		Packaging content	
		Cables included	AC



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