



DELL Precision 7780 Intel® Core™ i9 i9-13950HX Mobile workstation 43.9 cm (17.3") Full HD 64 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A4000 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Precision

Product code: 3GCR6

Product name : 7780

- Windows 11 Pro 64-bit
- Intel Core i9-13950HX (36MB Cache)
- 43.9 cm (17.3") Full HD 1920 x 1080 WVA, NVIDIA RTX A4000 (12GB GDDR6)
- 64GB DDR5-SDRAM & 1000GB SSD
Intel Core i9-13950HX (36MB Cache), 64GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 WVA, Intel UHD Graphics, NVIDIA RTX A4000 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro 64-bit



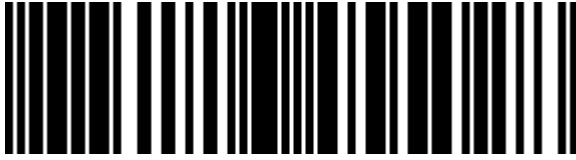
[DELL Precision 7780 Intel® Core™ i9 i9-13950HX Mobile workstation 43.9 cm \(17.3"\) Full HD 64 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A4000 Wi-Fi 6E \(802.11ax\) Windows 11 Pro Grey:](#)

Dell's most powerful 17" workstation

Our ultra scalable 17.3" mobile workstations feature stunning screen scape and customisable performance with Dell Optimiser for Precision.

Design		Network	
Product type *	Mobile workstation	WLAN controller manufacturer	Intel
Product colour *	Grey	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000 Mbit/s
Market positioning	Business	Bluetooth	✓
Display		WWAN	Upgradable
Display diagonal *	43.9 cm (17.3")	Ports & interfaces	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD	Ethernet LAN (RJ-45) ports	1
Panel type	WVA	HDMI ports quantity *	1
LED backlight	✓	Thunderbolt 4 ports quantity	2
Native aspect ratio	16:9	Intel® Thunderbolt 4	✓
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	500 cd/m²	Power adapter barrel connector	7.4 mm
Pixel density	127 ppi	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	DCI-P3	PowerShare	✓
Colour gamut	99%	Number of USB ports with PowerShare support	1
Maximum refresh rate	60 Hz	Performance	
Contrast ratio (typical)	1000:1	Ambient light sensor	✓
Processor		Accelerometer	✓
Processor manufacturer *	Intel	Hall sensor	✓
Processor family *	Intel® Core™ i9	Keyboard	
Processor generation	13th gen Intel® Core™ i9	Pointing device	Touchpad
Processor model *	i9-13950HX	Numeric keypad *	✓
Processor cores	24	Keyboard backlight	✓
Processor boost frequency	5.5 GHz	Software	
Efficient-core boost frequency	4 GHz	Operating system architecture	64-bit
Processor cache	36 MB	Operating system installed *	Windows 11 Pro
Processor cache type	Smart Cache		
Bus type	DMI4		
Configurable TDP-down	45 W		
Memory			
Internal memory *	64 GB		
Internal memory type	DDR5-SDRAM		

Memory		Processor special features	
Memory form factor	CAMM module	CPU configuration (max)	1
Maximum internal memory *	128 GB	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	6
Storage media *	SSD	Battery capacity *	93 Wh
Total SSDs capacity	1 TB	Battery voltage	11.55 V
Number of SSDs installed	1	Battery recharge time	3 h
SSD capacity	1 TB	Fast charging	✓
SSD interface	PCI Express	Battery charge indicator	✓
NVMe	✓	Battery weight	410 g
SSD form factor	M.2	Power	
Optical drive type *	✗	AC adapter power	240 W
Card reader integrated	✓	AC adapter frequency	50 - 60 Hz
Compatible memory cards	SD, SDHC, SDXC	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	12.3 A
Discrete graphics card model *	NVIDIA RTX A4000	DC-in jack	✓
Discrete graphics card memory	12 GB	Security	
Discrete graphics memory type	GDDR6	Cable lock slot	✓
On-board graphics card *	✓	Cable lock slot type	Wedge
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	Intel® UHD Graphics	Password protection	✓
Audio		Operational conditions	
Audio chip	Realtek ALC3281	Operating temperature (T-T)	0 - 35 °C
Number of built-in speakers	2	Storage temperature (T-T)	-40 - 65 °C
Speaker power	2 W	Operating relative humidity (H-H)	10 - 90%
Built-in microphone	✓	Storage relative humidity (H-H)	0 - 95%
Number of microphones	2	Operating altitude	-15.2 - 3048 m
Camera		Non-operating altitude	-15.2 - 10668 m
Front camera	✓	Operating shock	110 G
Front camera resolution (numeric)	0.92 MP	Non-operating shock	160 G
Front camera resolution	1920 x 1080 pixels	Operating vibration	0.66 G
Front camera HD type	Full HD	Non-operating vibration	1.3 G
Video capturing speed	30 fps	Weight & dimensions	
Network		Width	398 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Depth	265 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Height (front)	2.6 cm
Mobile network connection *	✗	Height (rear)	2.67 cm
Wi-Fi data rate (max)	2400 Mbit/s	Weight *	3.02 kg
Antenna type	2x2	Packaging content	
WLAN controller model	Intel Wi-Fi 6E AX211	Cables included	AC



0884116455028



884116455028

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.