



DELL Precision 7780 Intel® Core™ i9 i9-13950HX Mobilityöasema 43,9 cm (17.3") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 3500 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Harmaa



Tuotemerkki : DELL

Tuoteperhe: Precision

Tuotekoodi: 0G58W

Tuotteen nimi : 7780

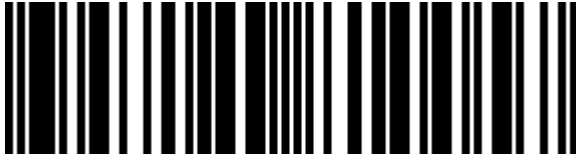
DELL Precision 7780. Tuotetyyppi: Mobiilityöasema, Kotelo: Simpukka. Suoritinperhe: Intel® Core™ i9, Prosessorimalli: i9-13950HX. Näytön halkaisija: 43,9 cm (17.3"), HD-tyyppi: Full HD, Näytön erottelutarkkuus: 1920 x 1080 pikseliä. Sisäinen muisti: 32 GB, Sisäisen muistin tyyppi: DDR5-SDRAM. Kokonaistallennuskapasiteetti: 1 TB, Tallennusmedia: SSD. Sisältyvän näytönohjaimen malli: Intel® UHD Graphics, Erillisen näytönohjaimen malli: NVIDIA RTX 3500 Ada. Käyttöjärjestelmä asennettu: Windows 11 Pro. Tuotteen väri: Harmaa

Design		Ports & interfaces	
Product type *	Mobile workstation	Intel® Thunderbolt 4	✓
Product colour *	Grey	Combo headphone/mic port	✓
Form factor *	Clamshell	Charging port type	DC-in jack
Market positioning	Business	Power adapter barrel connector	7.4 mm
Intel® vPro™ Platform Eligibility	✓	USB Type-C DisplayPort Alternate Mode	✓
Display		PowerShare	✓
Display diagonal *	43.9 cm (17.3")	Number of USB ports with PowerShare support	1
Display resolution *	1920 x 1080 pixels	Performance	
Touchscreen *	✗	Ambient light sensor	✓
HD type	Full HD	Accelerometer	✓
Panel type	WVA	Hall sensor	✓
LED backlight	✓	Keyboard	
Native aspect ratio	16:9	Pointing device	Touchpad
Anti-glare screen	✓	Keyboard language	Nordic
Display brightness	500 cd/m ²	Numeric keypad *	✓
Pixel density	127 ppi	Keyboard backlit	✓
RGB colour space	DCI-P3	Keyboard number of keys	100
Colour gamut	99%	Software	
Maximum refresh rate	60 Hz	Operating system architecture	64-bit
Contrast ratio (typical)	1000:1	Operating system language	Multilingual
Processor		Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Processor manufacturer *	Intel	Operating system installed *	Windows 11 Pro
Processor family *	Intel® Core™ i9	Processor special features	
Processor generation	13th gen Intel® Core™ i9	Intel Flex Memory Access	✓
Processor model *	i9-13950HX	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cores	24	CPU configuration (max)	1
Processor boost frequency	5.5 GHz	Embedded options available	✗
Efficient-core boost frequency	4 GHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache	36 MB	Intel Virtualization Technology (VT-x)	✓
Processor cache type	Smart Cache		
Bus type	DMI4		
Configurable TDP-down	45 W		
Memory			
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		

Memory		Battery	
Memory clock speed	5600 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	CAMM module	Number of battery cells	6
Memory layout (slots x size)	1 x 32 GB	Battery capacity *	93 Wh
Maximum internal memory *	128 GB	Battery voltage	11.55 V
Storage		Battery recharge time	3 h
Total storage capacity *	1 TB	Fast charging	✓
Storage media *	SSD	Battery charge indicator	✓
Total SSDs capacity	1 TB	Battery weight	410 g
Number of SSDs installed	1	Power	
SSD capacity	1 TB	AC adapter power	240 W
SSD interface	PCI Express	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	12.3 A
Optical drive type *	✗	Security	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	SD, SDHC, SDXC	Cable lock slot type	Wedge
Graphics		Smart card reader	✓
Discrete graphics card model *	NVIDIA RTX 3500 Ada	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	12 GB	Trusted Platform Module (TPM) version	2.0
Discrete graphics memory type	GDDR6	Password protection	✓
On-board graphics card *	✓	Operational conditions	
On-board GPU manufacturer	Intel	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card model *	Intel® UHD Graphics	Operating relative humidity (H-H)	10 - 90%
Audio		Storage relative humidity (H-H)	0 - 95%
Audio chip	Realtek ALC3281	Operating altitude	-15.2 - 3048 m
Number of built-in speakers	2	Non-operating altitude	-15.2 - 10668 m
Speaker power	2 W	Operating shock	110 G
Built-in microphone	✓	Non-operating shock	160 G
Number of microphones	2	Operating vibration	0.66 G
Camera		Non-operating vibration	1.3 G
Front camera	✓	Weight & dimensions	
Front camera resolution (numeric)	0.92 MP	Width	398 mm
Front camera resolution	1920 x 1080 pixels	Depth	265 mm
Front camera HD type	Full HD	Height (front)	2.6 cm
Video capturing speed	30 fps	Height (rear)	2.67 cm
Infrared (IR) camera	✓	Weight *	3.02 kg
Network		Carbon footprint	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Total carbon footprint (kg of CO2e)	510
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	Total carbon emissions, standard deviation (kg of CO2e)	104
Mobile network connection *	✗	Carbon emissions, manufacturing (kg of CO2e)	404
Wi-Fi data rate (max)	2400 Mbit/s	Carbon emissions, logistics (kg of CO2e)	19
Antenna type	2x2	Carbon emissions, energy usage (kg of CO2e)	85
WLAN controller model	Intel Wi-Fi 6E AX211	Carbon emissions, end-of-life (kg of CO2e)	2
WLAN controller manufacturer	Intel	Total carbon emissions, w/o use phase (kg of CO2e)	425
Ethernet LAN	✓	PAIA version	1.3.2
Ethernet LAN data rates	10,100,1000 Mbit/s	Packaging content	
Bluetooth	✓	Cables included	AC
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		

Ports & interfaces

Thunderbolt 4 ports quantity 2



5397184810057

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.

Publication date: 27-DEC-2024. Prints or copies of Information are only valid on the printed Publication date