



## DELL Precision 7780 Intel® Core™ i5 i5-13600HX Estación de trabajo móvil 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Gris

Marca : DELL

Familia de productos:  
Precision

Código del producto:  
XCTOP7780EMEA\_VP

Nombre del producto : 7780

DELL Precision 7780. Tipo de producto: Estación de trabajo móvil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i5, Modelo del procesador: i5-13600HX. Diagonal de la pantalla: 43.9 cm (17.3"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Píxeles. Memoria interna: 16 GB, Tipo de memoria interna: DDR5-SDRAM. Capacidad total de almacenaje: 256 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel® UHD Graphics. Sistema operativo instalado: Windows 11 Pro. Color del producto: Gris. Peso: 3.02 kg



### Design

Product type *	Mobile workstation
Product colour *	Grey
Form factor *	Clamshell
Market positioning	Business

### Display

Display diagonal *	43.9 cm (17.3")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	WVA
LED backlight	✓
Native aspect ratio	16:9
Anti-glare screen	✓
Display brightness	500 cd/m²
Pixel density	127 ppi
RGB colour space	DCI-P3
Colour gamut	99%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1000:1

### Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	13th gen Intel® Core™ i5
Processor model *	i5-13600HX
Processor cores	14
Processor boost frequency	4.8 GHz
Performance-core boost frequency	4.8 GHz
Efficient-core boost frequency	3.6 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Bus type	DMI4
Configurable TDP-down	45 W

### Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM

### 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
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
Charging port type	DC-in jack
Power adapter barrel connector	7.4 mm
USB Type-C DisplayPort Alternate Mode	✓
PowerShare	✓
Number of USB ports with PowerShare support	1

### Performance

Ambient light sensor	✓
Accelerometer	✓
Hall sensor	✓

### Keyboard

Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓

### Software

Operating system architecture	64-bit
Operating system language	Multilingual
Operating system installed *	Windows 11 Pro

### Processor special features

Intel Flex Memory Access	✓
Intel VT-x with Extended Page Tables (EPT)	✓
CPU configuration (max)	1
Embedded options available	✗

Memory		Processor special features	
Memory clock speed	4800 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory form factor	CAMM module	Intel Virtualization Technology (VT-x)	✓
Memory layout (slots x size)	1 x 16 GB		
Maximum internal memory *	128 GB		
Non-ECC	✓		
Storage		Battery	
Total storage capacity *	256 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	6
Total SSDs capacity	256 GB	Battery capacity *	83 Wh
Number of SSDs installed	1	Battery voltage	11.55 V
SSD capacity	256 GB	Battery recharge time	3 h
SSD interface	PCI Express	Fast charging	✓
NVMe	✓	Battery charge indicator	✓
SSD form factor	M.2	Battery weight	383 g
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	SD, SDHC, SDXC		
Graphics		Power	
Discrete graphics card model *	Not available	AC adapter power	180 W
On-board graphics card *	✓	AC adapter frequency	50 - 60 Hz
Discrete graphics card *	✗	AC adapter input voltage	100 - 240 V
On-board graphics card model *	Intel® UHD Graphics	AC adapter output current	9.23 A
Audio		Security	
Audio chip	Realtek ALC3281	Cable lock slot	✓
Number of built-in speakers	2	Cable lock slot type	Wedge
Speaker power	2 W	Trusted Platform Module (TPM)	✓
Built-in microphone	✓	Trusted Platform Module (TPM) version	2.0
Number of microphones	2	Password protection	✓
Camera		Operational conditions	
Front camera	✓	Operating temperature (T-T)	0 - 35 °C
Front camera resolution (numeric)	0.92 MP	Storage temperature (T-T)	-40 - 65 °C
Front camera resolution	1920 x 1080 pixels	Operating relative humidity (H-H)	10 - 90%
Front camera HD type	Full HD	Storage relative humidity (H-H)	0 - 95%
Video capturing speed	30 fps	Operating altitude	-15.2 - 3048 m
Network		Non-operating altitude	-15.2 - 10668 m
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Operating shock	110 G
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Non-operating shock	160 G
Mobile network connection *	✗	Operating vibration	0.66 G
Wi-Fi data rate (max)	2400 Mbit/s	Non-operating vibration	1.3 G
Antenna type	2x2	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6E AX211	Width	398 mm
WLAN controller manufacturer	Intel	Depth	265 mm
Ethernet LAN	✓	Height (front)	2.6 cm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height (rear)	2.67 cm
Bluetooth	✓	Weight *	3.02 kg
		Packaging content	
		Cables included	AC

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