



DELL Precision 7540 Intel® Core™ i7 i7-9850H Mobile workstation
39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA
Quadro T1000 Wi-Fi 6 (802.11ax) Windows 10 Pro Black



Brand : DELL

Product family: Precision

Product code: N006P7540CEE

Product name : 7540

DELL Precision 7540. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-9850H, Processor frequency: 2,6 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Pro. Product colour: Black

Design		Ports & interfaces	
Product type *	Mobile workstation	Mini DisplayPorts quantity	1
Product colour *	Black	Thunderbolt 3 ports quantity	2
Form factor *	Clamshell	Combo headphone/mic port	✓
Display		SmartCard slot	✓
Display diagonal *	39,6 cm (15.6")	Keyboard	
Display resolution *	1920 x 1080 pixels	Pointing device	Touchpad
Touchscreen *	✗	Numeric keypad *	✓
HD type	Full HD	Keyboard backlit	✓
Panel type	IPS	Software	
LED backlight	✓	Operating system architecture	64-bit
Native aspect ratio	16:9	Operating system language	Multilingual
Pixel density	141 ppi	Trial software	Microsoft Office
Maximum refresh rate	60 Hz	Operating system installed *	Windows 10 Pro
Contrast ratio (typical)	700:1	Processor special features	
Processor		Intel® My WiFi Technology (Intel® MWT)	✓
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i7	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	9th gen Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor model *	i7-9850H	Enhanced Intel SpeedStep Technology	✓
Processor cores	6	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	12	Intel Clear Video Technology	✓
Processor boost frequency	4,6 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2,6 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	8 GT/s	Intel Flex Memory Access	✓
Processor cache	12 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket	BGA 1440	Intel Trusted Execution Technology	✓
Processor lithography	14 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit	Intel® Secure Key	✓
Processor codename	Coffee Lake	Intel TSX-NI	✓
Thermal Design Power (TDP)	45 W	Intel Stable Image Platform Program (SIPP)	✓
Configurable TDP-down	35 W	Intel® OS Guard	✓
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		
PCI Express configurations	1x16, 2x8, 1x8+2x4		
Memory			
Internal memory *	16 GB		

Memory		Processor special features	
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Memory form factor	SO-DIMM	Intel 64	✓
Memory slots	4x SO-DIMM	Execute Disable Bit	✓
Maximum internal memory *	128 GB	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	512 GB	Processor package size	42 x 28 mm
Storage media *	SSD	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Total SSDs capacity	512 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express	Intel Virtualization Technology (VT-x)	✓
SSD form factor	M.2	Processor ARK ID	191047
Optical drive type *	✗	Battery	
Card reader integrated	✓	Battery technology	Lithium Polymer (LiPo)
Compatible memory cards	SD, SDHC, SDXC	Number of battery cells	6
Graphics		Battery capacity *	97 Wh
Discrete graphics card model *	NVIDIA Quadro T1000	Battery voltage	11,4 V
Discrete graphics card memory	4 GB	Battery recharge time	4 h
Discrete graphics memory type	GDDR5	Battery weight	445 g
On-board graphics card *	✓	Power	
On-board GPU manufacturer	Intel	AC adapter power	180 W
Discrete graphics card *	✓	AC adapter frequency	50/60 Hz
On-board graphics card model *	Intel® UHD Graphics 630	AC adapter input voltage	100 - 240 V
On-board graphics card base frequency	350 MHz	AC adapter output current	9,23 A
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter output voltage	19.5 V
Maximum on-board graphics card memory	64 GB	DC-in jack	✓
On-board graphics card DirectX version	12.0	Security	
On-board graphics card OpenGL version	4.5	Cable lock slot	✓
On-board graphics card ID	0x3E9B	Cable lock slot type	Noble
Audio		Fingerprint reader	✓
Audio chip	Realtek ALC3281	Password protection	✓
Number of built-in speakers	2	Operational conditions	
Speaker power	2 W	Operating temperature (T-T)	0 - 35 °C
Built-in microphone	✓	Storage temperature (T-T)	-40 - 65 °C
Camera		Operating relative humidity (H-H)	20 - 80%
Front camera	✓	Storage relative humidity (H-H)	20 - 95%
Front camera resolution (numeric)	0,92 MP	Operating altitude	-15,2 - 3048 m
Video capturing speed	30 fps	Non-operating altitude	-15,2 - 10668 m
Network		Operating shock	105 G
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Non-operating shock	40 G
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Operating vibration	0,26 G
Mobile network connection *	✗	Non-operating vibration	1,37 G
Antenna type	2x2	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6 AX200	Width	377,6 mm
Ethernet LAN	✓	Depth	251,3 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height (front)	2,5 cm
Bluetooth	✓	Height (rear)	3 cm
Ports & interfaces		Weight *	2,52 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Packaging content	
Ethernet LAN (RJ-45) ports	1	Cables included	AC

Ports & interfaces

HDMI ports quantity *	1
HDMI version	2.0

Catalog Object Cloud



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