



DELL Inspiron 7570 Intel® Core™ i7 i7-8550U Laptop 39.6 cm (15.6") Touchscreen 4K Ultra HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA® GeForce® 940MX Wi-Fi 5 (802.11ac) Windows 10 Black, Platinum, Silver

Brand : DELL

Product family: Inspiron

Product code: I7570-7800SLV-PUS



Product name : 7570

- Windows 10 64-bit
- Intel Core i7-8550U (8MB Cache, 1.8GHz)
- 39.6 cm (15.6") 4K Ultra HD 3840 x 2160 IPS Touch, NVIDIA GeForce 940MX (4GB)
- 16GB (2400MHz) DDR4-SDRAM & 512GB SSD

Intel Core i7-8550U (8MB Cache, 1.8GHz), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") 4K Ultra HD 3840 x 2160 IPS Touch, Intel UHD Graphics 620, NVIDIA GeForce 940MX (4GB), LAN, WLAN, Bluetooth, Webcam, Windows 10 64-bit



DELL Inspiron 7570 Intel® Core™ i7 i7-8550U Laptop 39.6 cm (15.6") Touchscreen 4K Ultra HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA® GeForce® 940MX Wi-Fi 5 (802.11ac) Windows 10 Black, Platinum, Silver:

Real brilliance.

15-inch laptop with expansive views on a thin-bezel screen, optimal streaming from SmartByte technology and the enveloping sound of Waves MaxxAudio® Pro.

Design		Ports & interfaces	
Color name	Platinum Silver	HDMI ports quantity *	1
Product type *	Laptop	Combo headphone/mic port	✓
Product color *	Black, Platinum, Silver	USB Type-C DisplayPort Alternate Mode	✓
Form factor *	Clamshell	PowerShare	✓
Housing material	Aluminum	Number of USB ports with PowerShare support	1
Market positioning	Business		
Display		Keyboard	
Touchscreen type	Capacitive	Pointing device	Touchpad
Display diagonal *	39.6 cm (15.6")	Numeric keypad *	✗
Display resolution *	3840 x 2160 pixels	Keyboard backlit	✓
Touchscreen *	✓	Spill-resistant keyboard	✓
HD type	4K Ultra HD	Full-size keyboard	✓
Touch technology	Multi-touch	Windows keys	✓
Panel type	IPS		
LED backlight	✓		
Native aspect ratio	16:9		
Pixel pitch	0.09 x 0.09 mm		
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i7	Drivers included	✓
Processor generation	8th gen Intel® Core™ i7	Operating system installed *	Windows 10
Processor model *	i7-8550U		
Processor cores	4		
Processor threads	8		
Processor boost frequency	4 GHz		
Processor frequency *	1.8 GHz		
System bus rate	4 GT/s		
Processor cache	8 MB		
Processor socket	BGA 1356		
Processor lithography	14 nm		
Processor operating modes	64-bit		
		Processor special features	
		Intel® My WiFi Technology (Intel® MWT)	✓
		Intel® Smart Response Technology	✓
		Intel® Identity Protection Technology (Intel® IPT)	✓
		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
		Intel® Turbo Boost Technology	2.0
		Enhanced Intel SpeedStep Technology	✓
		Intel® Clear Video HD Technology (Intel® CVT HD)	✓

Processor		Processor special features	
Processor codename	Kaby Lake R	Intel Clear Video Technology	✓
Bus type	OPI	Intel® InTru™ 3D Technology	✓
Stepping	Y0	Intel® Quick Sync Video Technology	✓
Thermal Design Power (TDP)	15 W	Intel Flex Memory Access	✓
Configurable TDP-up frequency	2 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-up	25 W	Intel Trusted Execution Technology	✗
Configurable TDP-down	10 W	Intel Enhanced Halt State	✓
Configurable TDP-down frequency	0.8 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Tjunction	100 °C	Intel® Secure Key	✓
Maximum number of PCI Express lanes	12	Intel TSX-NI	✗
PCI Express slots version	3.0	Intel® OS Guard	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel Software Guard Extensions (Intel SGX)	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory		Intel 64	✓
Internal memory *	16 GB	Execute Disable Bit	✓
Internal memory type	DDR4-SDRAM	Idle States	✓
Memory clock speed	2400 MHz	Thermal Monitoring Technologies	✓
Memory form factor	SO-DIMM	Processor package size	42 x 24 mm
Memory slots	2x SO-DIMM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Maximum internal memory *	32 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Identity Protection Technology version	1.00
Number of SSDs installed	1	Intel Smart Response Technology version	1.00
SSD capacity	512 GB	Intel Secure Key Technology version	1.00
Optical drive type *	✗	Intel TSX-NI version	0.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	SD	Processor ARK ID	122589
Graphics		Conflict-Free processor	✓
Discrete graphics card model *	NVIDIA® GeForce® 940MX	Battery	
Discrete graphics card memory	4 GB	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics memory type	GDDR5	Number of battery cells	4
On-board graphics card *	✓	Battery capacity *	56 Wh
Discrete graphics card *	✓	Battery recharge time	4 h
On-board graphics card family	Intel® UHD Graphics	Power	
On-board graphics card model *	Intel® UHD Graphics 620	AC adapter power	65 W
On-board graphics card base frequency	300 MHz	AC adapter frequency	50 - 60 Hz
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter input voltage	100 - 240 V
Maximum on-board graphics card memory	32 GB	AC adapter output voltage	19.5 V
On-board graphics card DirectX version	12.0	DC-in jack	✓
On-board graphics card OpenGL version	4.4	Security	
On-board graphics card ID	0x5917	Cable lock slot	✓
Number of discrete graphics cards installed	1	Cable lock slot type	Noble
Audio		Face recognition	✓
Audio chip	Realtek ALC3254-CG	Password protection	✓
Audio system	MaxxAudio Pro	Operational conditions	
Number of built-in speakers	2	Operating temperature (T-T)	0 - 35 °C
Speakers manufacturer	Waves	Storage temperature (T-T)	-40 - 65 °C
Speaker power	2 W	Operating relative humidity (H-H)	10 - 90%
Built-in microphone	✓		
Camera			
Front camera	✓		

Camera		Operational conditions	
Front camera resolution (numeric)	0.92 MP	Storage relative humidity (H-H)	0 - 95%
Front camera resolution	1280 x 720 pixels	Operating altitude	-15.2 - 3048 m
Front camera signal format	720p	Non-operating altitude	-15.2 - 10668 m
Front camera HD type	HD	Operating shock	110 G
Video capturing speed	30 fps	Non-operating shock	160 G
Network		Operating vibration	0.66 G
Wi-Fi	✓	Non-operating vibration	1.3 G
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	361.4 mm
Antenna type	2x2	Depth	244.5 mm
Ethernet LAN	✓	Height	18.9 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	2.15 kg
Bluetooth	✓	Packaging content	
Bluetooth version	4.2	AC adapter included *	✓
Ports & interfaces		Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Power cord included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Other features	
Ethernet LAN (RJ-45) ports	1	Maximum internal memory (64-bit)	32 GB
		Memory upgrade note	Additional memory sold separately



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Catalog Object Cloud



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