



## DELL Inspiron 5570 Intel® Core™ i7 i7-8550U Laptop 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 256 GB SSD AMD Radeon 530 Wi-Fi 4 (802.11n) Windows 10 Home Silver

Brand : DELL

Product family: Inspiron

Article code: 5570-0187

Product name : 5570

DELL Inspiron 5570. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-8550U, Processor frequency: 1,8 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 620. Operating system installed: Windows 10 Home. Product color: Silver



Design		Processor special features	
Product type *	Laptop	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Product color *	Silver	Intel® Turbo Boost Technology	2.0
Form factor *	Clamshell	Enhanced Intel SpeedStep Technology	✓
Display		Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Display diagonal *	39,6 cm (15.6")	Intel Clear Video Technology	✓
Display resolution *	1920 x 1080 pixels	Intel® InTru™ 3D Technology	✓
Touchscreen *	✗	Intel® Quick Sync Video Technology	✓
HD type	Full HD	Intel Flex Memory Access	✓
LED backlight	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
Native aspect ratio	16:9	Intel Trusted Execution Technology	✗
Display surface	Matt	Intel Enhanced Halt State	✓
Pixel pitch	0,179 x 0,179 mm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor		Intel® Secure Key	✓
Processor manufacturer *	Intel	Intel TSX-NI	✗
Processor family *	Intel® Core™ i7	Intel® OS Guard	✓
Processor generation	8th gen Intel® Core™ i7	Intel Software Guard Extensions (Intel SGX)	✓
Processor model *	i7-8550U	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Processor cores	4	Intel 64	✓
Processor threads	8	Execute Disable Bit	✓
Processor boost frequency	4 GHz	Idle States	✓
Processor frequency *	1,8 GHz	Thermal Monitoring Technologies	✓
System bus rate	4 GT/s	Processor package size	42 x 24 mm
Processor cache	8 MB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor cache type	Smart Cache	CPU configuration (max)	1
Processor socket	BGA 1356	Embedded options available	✗
Processor lithography	14 nm	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor operating modes	64-bit		
Processor codename	Kaby Lake R		
Bus type	OPI		
Stepping	Y0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0,8 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel Identity Protection Technology version	1,00
Maximum number of PCI Express lanes	12	Intel Smart Response Technology version	1,00
PCI Express slots version	3.0	Intel Secure Key Technology version	1,00
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel TSX-NI version	0,00
ECC supported by processor	✗	Intel Virtualization Technology (VT-x)	✓
Memory		Processor ARK ID	122589
Internal memory *	8 GB	Conflict-Free processor	✓
Internal memory type	DDR4-SDRAM	Battery	
Memory clock speed	2400 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM	Number of battery cells	3
Memory slots	2x SO-DIMM	Battery capacity *	42 Wh
Maximum internal memory *	32 GB	Battery voltage	11,4 V
Storage		Power	
Total storage capacity *	256 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	256 GB	AC adapter output voltage	19.5 V
Optical drive type *	✗	DC-in jack	✓
Card reader integrated	✓	Security	
Compatible memory cards	SD, SDHC, SDXC	Cable lock slot	✓
Graphics		Cable lock slot type	Noble
Discrete graphics card model *	AMD Radeon 530	Fingerprint reader	✓
Discrete graphics card memory	4 GB	Password protection	✓
Discrete graphics memory type	GDDR5	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card family	Intel® UHD Graphics	Operating relative humidity (H-H)	10 - 90%
On-board graphics card model *	Intel® UHD Graphics 620	Storage relative humidity (H-H)	0 - 95%
On-board graphics card base frequency	300 MHz	Operating altitude	-15,2 - 3048 m
On-board graphics card dynamic frequency (max)	1150 MHz	Non-operating altitude	-15,2 - 10668 m
Maximum on-board graphics card memory	32 GB	Operating shock	110 G
On-board graphics card DirectX version	12.0	Non-operating shock	160 G
On-board graphics card OpenGL version	4.4	Operating vibration	0,66 G
On-board graphics card ID	0x5917	Non-operating vibration	1,3 G
Number of discrete graphics cards installed	1	Certificates	
Audio		Certification	ErP Lot 3, Lot 6,
Audio chip	Realtek ALC3246	Sustainability	
Audio system	MaxxAudio Pro	Sustainability certificates	EPEAT Silver, ENERGY STAR
Number of built-in speakers	2	Weight & dimensions	
Speakers manufacturer	Waves	Width	380 mm
Speaker power	2 W	Depth	258 mm
Built-in microphone	✓	Height	19,9 mm
Camera		Weight *	2,12 kg
Front camera	✓	Packaging data	
Front camera resolution (numeric)	0,92 MP	Package material	Corrugated cardboard, Paper molded pulp
Front camera resolution	1280 x 720 pixels	Recycling data	
Front camera signal format	720p	Paper molded pulp content per package	220 g
Front camera HD type	HD	Corrugated cardboard content per package	445 g
Network		Corrugated cardboard content per shipping (inner) case	415 g
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)		

Network		Recycling data	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Corrugated cardboard content per sleeve for accessories	30 g
Ethernet LAN	✓	Other materials content per package	11 g
Ethernet LAN data rates	10,100 Mbit/s	Packaging content	
Bluetooth	✓	AC adapter included *	✓
Bluetooth version	4.1	Manual	✓
Ports & interfaces		Power cord included	✓
USB 2.0 ports quantity *	1	Logistics data	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Number of cartons per intermodal container (20ft)	1500 pc(s)
Ethernet LAN (RJ-45) ports	1	Number of cartons per intermodal container (40ft, HC)	3780 pc(s)
HDMI ports quantity *	1	Pallet width	100 cm
HDMI version	1.4b	Pallet length	120 cm
Combo headphone/mic port	✓	Pallet height	118,4 cm
Keyboard		Pallet weight	306,4 kg
Pointing device	Touchpad	Pallet volume weight	236,8 kg
Numeric keypad *	✓	Number of layers per pallet	3 pc(s)
Island-style keyboard	✓	Quantity per pallet layer	30 pc(s)
Windows keys	✓	Quantity per pallet	90 pc(s)
Software		Shipping (inner) case width	7,9 cm
Operating system architecture	64-bit	Shipping (inner) case length	49,4 cm
Drivers included	✓	Shipping (inner) case height	34,8 cm
Trial software	Microsoft Office 2013, McAfee, Financial Tracker & Retail Information	Shipping (inner) case weight	3,31 kg
Operating system installed *	Windows 10 Home	Shipping (inner) case volume weight	2,26 kg
Processor special features		Maximum number of stacking cartons	6 pc(s)
Intel® My WiFi Technology (Intel® MWT)	✓	Other features	
Intel® Smart Response Technology	✓	Maximum internal memory (64-bit)	32 GB
Intel® Identity Protection Technology (Intel® IPT)	✓	Memory upgrade note	Additional memory sold separately
		EPEAT rating	98,37%



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### Catalog Object Cloud



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