



## DELL Inspiron 5458 Intel® Core™ i7 i7-5500U Laptop 35,6 cm (14") 4 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 920M Linux Black, White

Brand : DELL

Product family: Inspiron

Product code: 5458-  
W560226THW

Product name : 5458

Intel Core i7-5500U (4M Cache, 2.4 GHz), 4GB DDR3L 1600MHz, 500GB SATA HDD, 14" HD LED 1366 x 768, nVidia GeForce GT920M 2GB, DVD Super Multi, Fast LAN, WLAN, Bluetooth, WebCam, Linux  
DELL Inspiron 5458. Product type: Laptop, Form factor: Clamshell. Processor type: Intel® Core™ i7, Processor: i7-5500U, Processor frequency: 2,4 GHz. Display diagonal: 35,6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drives: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 5500. Operating system software: Linux. Product colour: Black, White



Design		Keyboard	
Product type *	Laptop	Full-size keyboard	✓
Product colour *	Black, White	Windows keys	✓
Form factor *	Clamshell		
Display		Software	
Display diagonal *	35,6 cm (14")	Drivers included	✓
Display resolution *	1366 x 768 pixels	Operating system software *	Linux
Touchscreen *	✗		
HD type	Not supported	Processor special features	
LED backlight	✓	Intel Wireless Display (WiDi) Technology	✓
Native aspect ratio	16:9	Intel My WiFi Technology	✗
Display surface	Matt	Intel Anti-Theft Technology	✗
Pixel pitch	0,2265 x 0,2265 mm	Intel® Smart Response Technology	✓
Processor		Intel Identity Protection Technology	✓
Processor manufacturer *	Intel	Intel Hyper-Threading Technology	✓
Processor type *	Intel® Core™ i7	Intel Turbo Boost Technology	2.0
Processor generation	5th gen Intel® Core™ i7	Intel® Small Business Advantage (Intel® SBA)	✓
Processor *	i7-5500U	Enhanced Intel SpeedStep Technology	✓
Processor number of cores	2	Intel® Built-in Visuals Technology	✓
Processor threads	4	Intel HD Graphics	✓
Processor boost frequency	3 GHz	Intel Clear Video HD Technology	✓
Processor frequency *	2,4 GHz	Intel Clear Video Technology	✓
System bus data transfer rate	5 GT/s	Intel® InTru™ 3D Technology	✓
Processor cache	4 MB	Intel® Insider™	✓
Processor cache type	L3	Intel® Quick Sync Video Technology	✓
Processor socket	BGA 1168	Intel Flex Memory Access	✓
Processor lithography	14 nm		
Processor operating modes	32-bit, 64-bit		
Processor series	Intel Core i7-5500 Mobile Series		

Processor		Processor special features	
Processor codename	Broadwell	Intel Smart Cache	✓
Bus type	DMI2	Intel AES New Instructions	✓
FSB Parity	✗	Intel Trusted Execution Technology	✗
Stepping	F0	Intel Enhanced Halt State	✓
Thermal Design Power (TDP)	15 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down	7,5 W	Intel Demand Based Switching	✗
Configurable TDP-down frequency	0,6 GHz	Intel® Secure Key	✓
Tjunction	105 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12	Intel Stable Image Platform Program (SIPP)	✗
PCI Express slots version	2.0	Intel® OS Guard	✓
PCI Express configurations	4x1, 2x4	Intel Clear Video Technology for MID	✓
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR3L-SDRAM	Thermal Monitoring Technologies	✓
Memory speed	1600 MHz	Processor package size	40 x 24 x 1.3 mm
Memory form factor	SO-DIMM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory layout (slots x size)	1 x 4 GB	Processor code	SR23W
Memory slots	2x SO-DIMM	CPU configuration (max)	1
Maximum memory *	16 GB	Embedded options available	✗
Storage		Graphics & IMC lithography	14 nm
Total storage capacity *	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	HDD	Intel Identity Protection Technology version	1,00
Number of HDDs installed	1	Intel Smart Response Technology version	1,00
Hard drive capacity	500 GB	Intel Stable Image Platform Program (SIPP) version	0,00
Hard drive interface	SATA III	Intel Secure Key Technology version	1,00
Hard drive rotational speed	5400 RPM	Intel Small Business Advantage (SBA) version	1,00
Hard drive size	2.5"	Intel TSX-NI version	0,00
Optical drives *	DVD Super Multi	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel Dual Display Capable Technology	✗
Compatible memory cards	SD, SDHC, SDXC	Intel FDI Technology	✓
Graphics		Intel Rapid Storage Technology	✗
Discrete graphics card model *	NVIDIA® GeForce® 920M	Intel Fast Memory Access	✓
Discrete graphics card memory	2 GB	Processor ARK ID	85214
Discrete graphics memory type	GDDR3	Conflict-Free processor	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✓	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card family	Intel® HD Graphics	Number of battery cells	4
On-board graphics card model *	Intel® HD Graphics 5500	Battery capacity *	40 Wh
On-board graphics card base frequency	300 MHz	Battery voltage	14,8 V
On-board graphics card dynamic frequency (max)	950 MHz	Battery life (max)	8 h
Maximum on-board graphics card memory	16 GB	Battery recharge time	4 h
On-board graphics card DirectX version	11.2	Power	
On-board graphics card OpenGL version	4.3	AC adapter frequency	50 - 60 Hz
On-board graphics card ID	0x1616	AC adapter input voltage	100 - 240 V
Number of discrete graphics cards supported	1	AC adapter output voltage	19.5 V
Number of discrete graphics cards installed	1	DC-in jack	✓
Graphics card Open GL support	✓	Security	
NVIDIA G-SYNC	✗	Cable lock slot	✓
NVIDIA GameWorks VR	✗		
CUDA	✓		

Audio		Security	
Audio system	HD + MaxxAudio	Cable lock slot type	Kensington
Number of built-in speakers	2	Password protection	✓
Speakers manufacturer	Waves	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)	10 - 90%
Front camera	✓	Storage humidity	0 - 95%
Front camera resolution (numeric)	0,92 MP	Operating altitude	-15,2 - 3048 m
Front camera resolution	1280 x 720 pixels	Non-operating altitude	-15,2 - 10668 m
Network		Operating shock	110 G
Wi-Fi	✓	Non-operating shock	160 G
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Operating vibration	0,66 G
Ethernet LAN connection	✓	Non-operating vibration	1,3 G
Ethernet LAN data rates	10,100 Mbit/s	Sustainability	
Bluetooth	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Bluetooth version	4.0	Weight & dimensions	
Ports & interfaces		Width	345 mm
USB 2.0 ports quantity *	2	Depth	243 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Height	23,4 mm
Ethernet LAN (RJ-45) ports	1	Weight *	1,92 kg
HDMI ports quantity *	1	Packaging content	
HDMI version	1.4a	AC adapter included *	✓
DVI port	✗	Manual	✓
S/PDIF out port	✗	Quick start guide	✓
Microphone in	✗	Warranty card	✓
Combo headphone/mic port	✓	Power cord included	✓
Docking connector	✗	Other features	
ExpressCard slot	✗	LightScribe	✗
CardBus PCMCIA slot type	✗	Disc types supported	DVD, CD
SmartCard slot	✗	3D compatibility	✗
Keyboard		Maximum internal memory (64-bit)	16 GB
Pointing device	Touchpad	Intel Virtualization Technology	VT-x, VT-d
Numeric keypad *	✗	Intel segment tagging	Home office
Spill-resistant keyboard	✓		

## Catalog Object Cloud



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