



DELL Inspiron 5558 Intel® Core™ i3 i3-4005U Laptop 39.6 cm (15.6") 4 GB DDR3L-SDRAM 1 TB HDD Windows 10 Pro Black, Silver



Brand : DELL

Product family: Inspiron

Product code: BN55821

Product name : 5558

Intel Core i3-4005U (3M Cache, 1.70 GHz), 4GB DDR3L RAM, 1TB SATA HDD 5400rpm, 15.6" HD LED (1366x768), Intel HD Graphics 4400, Fast Ethernet, Wi-Fi 802.11 ac/b/g/n, Bluetooth 4.0, DVD+/-RW, 4 Cell, 65W, Windows 10 Pro 64-bit

DELL Inspiron 5558. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-4005U, Processor frequency: 1.7 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 10 Pro. Product colour: Black, Silver

Design		Processor special features	
Product type *	Laptop	Intel Smart Connect Technology	✓
Product colour *	Black, Silver	Intel® Anti-Theft Technology (Intel® AT)	✓
Form factor *	Clamshell	Intel® Rapid Start Technology	✗
Market positioning	Business	Intel® Smart Response Technology	✗
Display		Intel® Identity Protection Technology (Intel® IPT)	✓
Display diagonal *	39.6 cm (15.6")	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Display resolution *	1366 x 768 pixels	Intel® Turbo Boost Technology	✗
Touchscreen *	✗	Intel® Small Business Advantage (Intel® SBA)	✗
LED backlight	✓	Intel® Matrix Storage Technology (Intel® MST)	✗
Native aspect ratio	16:9	Intel® High Definition Audio (Intel® HD Audio)	✓
Pixel pitch	0.2265 x 0.2265 mm	Intel® Active Management Technology (Intel® AMT)	✗
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel HD Graphics	✓
Processor family *	Intel® Core™ i3	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor generation	4th gen Intel® Core™ i3	Intel Clear Video Technology	✗
Processor model *	i3-4005U	Intel® InTru™ 3D Technology	✓
Processor cores	2	Intel® Insider™	✓
Processor threads	4	Intel® Quick Sync Video Technology	✓
Processor frequency *	1.7 GHz	Intel Flex Memory Access	✗
System bus rate	5 GT/s	Intel® Smart Cache	✓
Processor cache	3 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	BGA 1168	Intel Enhanced Halt State	✓
Processor lithography	22 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit	Intel Demand Based Switching	✗
Processor series	Intel® Core™ i3-4000 Mobile Series		
Processor codename	Haswell		
Bus type	DMI		
FSB Parity	✗		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	10		
PCI Express slots version	2.0		
PCI Express configurations	4x1, 1x4		

Processor		Processor special features	
ECC supported by processor	✗	Intel® Secure Key	✓
Memory		Intel TSX-NI	✗
Internal memory *	4 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory type	DDR3L-SDRAM	Intel 64	✓
Memory clock speed	1600 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory layout (slots x size)	1 x 4 GB	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	40 x 24 x 1.5 mm
Maximum internal memory *	16 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage		CPU configuration (max)	1
Total storage capacity *	1 TB	Embedded options available	✗
Storage media *	HDD	UART	✓
Number of HDDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD capacity	1 TB	Intel Smart Connect Technology version	1.00
HDD interface	SATA III	Intel Identity Protection Technology version	1.00
HDD speed	5400 RPM	Intel Smart Response Technology version	0.00
HDD size	2.5"	Intel Secure Key Technology version	1.00
Optical drive type *	DVD±RW	Intel Small Business Advantage (SBA) version	0.00
Card reader integrated	✓	Intel ME Firmware Version	9.5
Compatible memory cards	SD	Intel TSX-NI version	0.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	Not available	Intel Dual Display Capable Technology	✗
On-board graphics card *	✓	Intel FDI Technology	✗
Discrete graphics card *	✗	Intel Rapid Storage Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel Fast Memory Access	✗
On-board graphics card model *	Intel® HD Graphics 4400	Processor ARK ID	75105
On-board graphics card base frequency	200 MHz	Conflict-Free processor	✓
On-board graphics card dynamic frequency (max)	950 MHz	Battery	
Maximum on-board graphics card memory	2 GB	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card DirectX version	12	Number of battery cells	4
On-board graphics card ID	0xA16	Battery capacity *	40 Wh
Audio		Battery voltage	14.8 V
Audio system	MaxxAudio	Battery recharge time	4 h
Number of built-in speakers	2	Power	
Speakers manufacturer	Waves	AC adapter power	65 W
Speaker power	2 W	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		AC adapter output current	3.34 A
Front camera	✓	AC adapter output voltage	19.5 V
Front camera resolution (numeric)	0.92 MP	DC-in jack	✓
Front camera resolution	1280 x 720 pixels	Security	
Video capturing speed	30 fps	Cable lock slot	✓
Network		Password protection	✓
Wi-Fi	✓	Operational conditions	
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Operating temperature (T-T)	0 - 35 °C
Ethernet LAN	✓	Storage temperature (T-T)	-40 - 65 °C
Ethernet LAN data rates	10,100 Mbit/s	Operating relative humidity (H-H)	10 - 90%
Bluetooth	✓	Storage relative humidity (H-H)	0 - 95%
Bluetooth version	4.0	Operating altitude	-15.2 - 3048 m
Ports & interfaces		Non-operating altitude	-15.2 - 10668 m
USB 2.0 ports quantity *	2		

Ports & interfaces		Operational conditions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Operating shock	110 G
Ethernet LAN (RJ-45) ports	1	Non-operating shock	160 G
HDMI ports quantity *	1	Operating vibration	0.66 G
DVI port	✗	Non-operating vibration	1.3 G
S/PDIF out port	✗	Sustainability	
Microphone in	✗	Sustainability certificates	EPEAT Silver, ENERGY STAR
Combo headphone/mic port	✓	Weight & dimensions	
Docking connector	✗	Width	380 mm
ExpressCard slot	✗	Depth	260.4 mm
CardBus PCMCIA slot type	✗	Height	23.8 mm
SmartCard slot	✗	Weight *	2.24 kg
Total number of SATA connectors	2	Packaging content	
Number of SATA III connectors	2	AC adapter included *	✓
Keyboard		Manual	✓
Pointing device	Touchpad	Power cord included	✓
Numeric keypad *	✓	Other features	
Windows keys	✓	Maximum internal memory (64-bit)	16 GB
Software		Intel® Virtualization Technology (Intel® VT)	VT-x
Operating system architecture	64-bit	Intel segment tagging	Home office, Small Business
Drivers included	✓		
Trial software	McAfee LiveSafe		
Operating system installed *	Windows 10 Pro		
Processor special features			
Intel® Wireless Display (Intel® WiDi)	✓		
Intel® My WiFi Technology (Intel® MWT)	✗		

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