



**DELL Inspiron 15 Intel® Core™ i3 i3-4005U Laptop 39,6 cm (15.6")
HD 4 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 920M
Linux Black, Blue**



Brand : DELL

Product family: Inspiron

Article code: 5558-5888

Product name : 15

DELL Inspiron 15. 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"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Linux. Product color: Black, Blue

Design		Software	
Product type *	Laptop	Operating system installed *	Linux
Product color *	Black, Blue	Processor special features	
Form factor *	Clamshell	Intel® Wireless Display (Intel® WiDi)	✓
Display		Intel Smart Connect Technology	✓
Display diagonal *	39,6 cm (15.6")	Intel® Anti-Theft Technology (Intel® AT)	✓
Display resolution *	1366 x 768 pixels	Intel® Smart Response Technology	✗
Touchscreen *	✗	Intel® Identity Protection Technology (Intel® IPT)	✓
HD type	HD	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
LED backlight	✓	Intel® Turbo Boost Technology	✗
Native aspect ratio	16:9	Intel® Small Business Advantage (Intel® SBA)	✗
Dual-screen	✗	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor		Intel® High Definition Audio (Intel® HD Audio)	✓
Processor manufacturer *	Intel	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Core™ i3	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor generation	4th gen Intel® Core™ i3	Intel® InTru™ 3D Technology	✓
Processor model *	i3-4005U	Intel® Insider™	✓
Processor cores	2	Intel® Quick Sync Video Technology	✓
Processor threads	4	Intel® Smart Cache	✓
Processor frequency *	1,7 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
System bus rate	5 GT/s	Intel Trusted Execution Technology	✗
Processor cache	3 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1168		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel® Core™ i3-4000 Mobile Series		
Processor codename	Haswell		
Bus type	DMI		

Processor		Processor special features	
Thermal Design Power (TDP)	15 W	Intel Enhanced Halt State	✓
Tjunction	100 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	10	Intel® Secure Key	✓
PCI Express slots version	2.0	Intel TSX-NI	✗
PCI Express configurations	4x1, 1x4	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	4 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR3L-SDRAM	Processor package size	40 x 24 x 1.5 mm
Memory clock speed	1600 MHz	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory form factor	SO-DIMM	CPU configuration (max)	1
Memory layout (slots x size)	1 x 4 GB	Embedded options available	✗
Memory slots	2x SO-DIMM	UART	✓
Maximum internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Storage		Intel Smart Connect Technology version	1,00
Total storage capacity *	500 GB	Intel Identity Protection Technology version	1,00
Storage media *	HDD	Intel Smart Response Technology version	0,00
Number of HDDs installed	1	Intel Secure Key Technology version	1,00
HDD capacity	500 GB	Intel Small Business Advantage (SBA) version	0,00
HDD speed	5400 RPM	Intel ME Firmware Version	9.5
HDD size	2.5"	Intel TSX-NI version	0,00
Optical drive type *	DVD Super Multi	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel FDI Technology	✗
Compatible memory cards	SD	Intel Rapid Storage Technology	✓
Graphics		Processor ARK ID	75105
Discrete graphics card model *	NVIDIA® GeForce® 920M	Conflict-Free processor	✓
Discrete graphics card memory	2 GB	Battery	
Discrete graphics memory type	GDDR3	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card *	✓	Number of battery cells	4
Discrete graphics card *	✓	Battery voltage	14,8 V
On-board graphics card family	Intel® HD Graphics	Battery recharge time	4 h
On-board graphics card model *	Intel® HD Graphics 4400	Power	
On-board graphics card base frequency	200 MHz	AC adapter frequency	50 - 60 Hz
On-board graphics card dynamic frequency (max)	950 MHz	AC adapter input voltage	100 - 240 V
Maximum on-board graphics card memory	2 GB	AC adapter output voltage	19.5 V
On-board graphics card DirectX version	12	DC-in jack	✓
On-board graphics card ID	0xA16	Security	
Number of discrete graphics cards installed	1	Cable lock slot	✓
CUDA	✓	Cable lock slot type	Kensington
Audio		Password protection	✓
Audio system	MaxxAudio	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	✓	Storage relative humidity (H-H)	0 - 95%
Camera		Operating altitude	-15,2 - 3048 m
Front camera	✓	Non-operating altitude	-15,2 - 10668 m
Front camera resolution (numeric)	0,92 MP	Operating shock	110 G
Front camera resolution	1280 x 720 pixels	Non-operating shock	160 G
Video capturing speed	30 fps	Operating vibration	0,66 G
Network		Non-operating vibration	1,3 G
Wi-Fi	✓		

Network		Sustainability	
Ethernet LAN	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Ethernet LAN data rates	10,100 Mbit/s	Weight & dimensions	
Bluetooth	✓	Width	380 mm
Ports & interfaces		Depth	260,4 mm
USB 2.0 ports quantity *	2	Height	23,8 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Weight *	2,24 kg
Ethernet LAN (RJ-45) ports	1	Packaging content	
HDMI ports quantity *	1	AC adapter included *	✓
HDMI version	1.4a	Manual	✓
DVI port	✗	Warranty card	✓
Combo headphone/mic port	✓	Power cord included	✓
Docking connector	✗	Other features	
Total number of SATA connectors	2	LightScribe	✗
Number of SATA III connectors	2	Maximum internal memory (64-bit)	16 GB
Keyboard		Intel segment tagging	Home office
Pointing device	Touchpad		
Numeric keypad *	✓		
Spill-resistant keyboard	✓		
Full-size keyboard	✓		
Windows keys	✓		
Software			
Drivers included	✓		

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