

DELL Inspiron 3542 Intel® Core[™] i3 i3-4005U Laptop 39,6 cm (15.6") HD 4 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 820M Linux Black, Blue

Brand : DELL

Desian

Product family: Inspiron

Product code: 3542-9453

Processor special features

Product name : 3542

Intel Core i3-4005U Processor (3M Cache, 1.70 GHz), 4GB DDR3L 1600MHz, 500GB SATA HDD, 39.624 cm (15.6 ") LED HD 1366 x 768, nVidia GeForce 820M 2GB, DVD Super Multi, Fast LAN, WLAN, Bluetooth, WebCam, Linux

DELL Inspiron 3542. 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 colour: Black, Blue





Design		Processor special features	
Product type * Product colour *	Laptop Black, Blue	Intel® My WiFi Technology (Intel® MWT)	×
Form factor *	Clamshell	Intel Smart Connect Technology	1
Display		Intel® Anti-Theft Technology (Intel® AT)	✓
Display diagonal *	39,6 cm (15.6")	Intel [®] Smart Response Technology	×
Display resolution * Touchscreen *	1366 x 768 pixels ×	Intel® Identity Protection Technology (Intel® IPT)	1
HD type LED backlight	HD ✓	Intel® Hyper Threading Technology (Intel® HT Technology)	1
Native aspect ratio	16:9	Intel [®] Turbo Boost Technology	×
Pixel pitch	0,252 x 0,252 mm	Intel® Small Business Advantage (Intel® SBA)	×
Processor Processor manufacturer *	Intel	Intel® Matrix Storage Technology (Intel® MST)	×
Processor family *	Intel® Core™ i3	Intel® High Definition Audio (Intel® HD Audio)	1
Processor generation Processor model *	4th gen Intel® Core™ i3 i3-4005U	Enhanced Intel SpeedStep Technology	1
Processor cores Processor threads	2 4	Intel® Clear Video HD Technology (Intel® CVT HD)	1
Processor frequency *	1,7 GHz	Intel Clear Video Technology	×
System bus rate	5 GT/s	Intel® InTru™ 3D Technology	1
Processor cache	3 MB	Intel® Insider™	1
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	
Processor socket	BGA 1168	Intel Flex Memory Access	×
Processor lithography	22 nm	2	
Processor operating modes	64-bit	Intel® Smart Cache	•
Processor series	Intel® Core™ i3-4000 Mobile Series	Intel® AES New Instructions (Intel® AES-NI)	1
Processor codename	Haswell	Intel Trusted Execution Technology	×
Bus type	DMI	Intel Enhanced Halt State	1
FSB Parity	×	Intel VT-x with Extended Page	-
Thermal Design Power (TDP)	15 W 100 °C	Tables (EPT)	1
Tjunction	100 °C	Intel Demand Based Switching	×

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On-board graphics card model*Intel® HD Graphics 4400Processor ARK ID75105On-board graphics card base frequency (max)200 MHzConflict-Free processorMaximu on-board graphics card memory350 MHzBattery C BBLithium-Ion (Li-Ion)Maximu on-board graphics card memory2 GBMumber of battery cells4On-board graphics card DirectX version2 GBBattery capacity *40 WhOn-board graphics card DirectX version0xA16Power14,8 VNumber of discrete graphics cards supported1AC adapter power65 WNumber of discrete graphics cards supported1AC adapter power50 - 60 HzNumber of discrete graphics cards supported1AC adapter output current AC adapter input voltage3,34 AAudioYavesPower19.5 VVAudio systemMaxxAudioPower auto-sensing9.5 VSpeaker power2 WDC-in jack9.5 VBuilt-in microphone2 WavesDC-in jack4.0Built-in microphone1.280 x720 pixelsGable lock slot.Front camera resolution (numeri)0.92 MPPassword protection40.40 °CFront camera resolution1.280 x720 pixelsOperating temperature (T-T).40 o5 °CVideo capturing speed30 fpsGarge relative humidity (H-H)10.90%Wi-Fi4.0Storage relative humidity (H-H)0.95%	On-board graphics card family	Intel [®] HD Graphics		
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Speaker smallacturer waves Speaker power 2 W Built-in microphone ✓ Camera ✓ Front camera ✓ Front camera resolution (numeric) 0,92 MP Front camera resolution (numeric) 0,92 MP Video capturing speed 1280 x 720 pixels Operating temperature (T-T) 0 - 40 °C Storage temperature (T-T) -40 - 65 °C Operating relative humidity (H-H) 10 - 90% Wi-Fi ✓ Storage relative humidity (H-H)	Audio system	MaxxAudio	AC adapter output voltage	19.5 V
Built-in microphone Security Camera Cable lock slot Front camera Password protection Front camera resolution (numeric) 0,92 MP Operational conditions Front camera resolution (numeric) 0,92 MP Operating temperature (T-T) 0 - 40 °C Video capturing speed 30 fps Operating temperature (T-T) -40 - 65 °C Network Viefi Storage relative humidity (H-H) 10 - 90%	Speakers manufacturer	Waves	Power auto-sensing	 Image: A start of the start of
Camera Cable lock slot A Front camera Image: Camera Cable lock slot Image: Camera Front camera Image: Camera Image: Camera Image: Camera Front camera resolution (numeric) 0,92 MP Image: Camera Image: Camera Front camera resolution (numeric) 0,92 MP Image: Camera Image: Camera Front camera resolution (numeric) 0,92 MP Image: Camera Image: Camera Video capturing speed 1280 x 720 pixels Operating temperature (T-T) 0 - 40 °C Video capturing speed 30 fps Image: Camera temperature (T-T) -40 - 65 °C Network Image: Camera temperature (T-T) -40 - 65 °C Vier Fi Image: Camera temperature (T-T) -40 - 65 °C Vier Fi Image: Camera temperature (T-T) -40 - 65 °C Vier Fi Image: Camera temperature (T-T) -40 - 65 °C Vier Fi Image: Camera temperature (T-T) -40 - 65 °C Vier Fi Image: Camera temperature (T-T) -40 - 65 °C Vier Fi Image: Camera temperature (T-T) -40 - 65 °C Vier Fi Image: Camera temperature (T-T) -40 - 65 °C Vier Fi Image: Camera temperature (T-T) -40 - 65 °C	Speaker power	2 W	DC-in jack	 Image: A start of the start of
Front cameraImage: Construction of the co	Built-in microphone	1	Security	
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Front camera resolution1280 x 720 pixelsOperating temperature (T-T)0 - 40 °CVideo capturing speed30 fpsStorage temperature (T-T)-40 - 65 °CNetworkOperating relative humidity (H-H)10 - 90%Wi-FiStorage relative humidity (H-H)0 - 95%	Front camera	1	Password protection	✓
Front camera resolution 1280 x 720 pixels Operating temperature (T-T) 0 - 40 °C Video capturing speed 30 fps Storage temperature (T-T) -40 - 65 °C Network Operating relative humidity (H-H) 10 - 90% Wi-Fi Image relative humidity (H-H) 0 - 95%	Front camera resolution (numeric)		Operational conditions	
NetworkStorage temperature (T-T)-40 - 65 °CWi-FiOperating relative humidity (H-H)10 - 90%Storage relative humidity (H-H)0 - 95%				0 - 40 °C
Wi-Fi ✓ Storage relative humidity (H-H) 0 - 95%	Video capturing speed	30 fps		
	Network		Operating relative humidity (H-H)	10 - 90%
Wi-Fi standards 802.11b, 802.11g, Wi-Fi 4 (802.11n) Operating altitude -15,2 - 3048 m	Wi-Fi	✓	.	0 - 95%
	Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Operating altitude	-15,2 - 3048 m

Network		Operational conditions	
Ethernet LAN Ethernet LAN data rates Bluetooth Bluetooth version	✓ 10,100 Mbit/s ✓ 4.0	Non-operating altitude Operating shock Non-operating shock Operating vibration Non-operating vibration	-15,2 - 10668 m 110 G 160 G 0,66 G 1,3 G
Ports & interfaces USB 2.0 ports quantity * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version DVI port S/PDIF out port Microphone in	1 1 1.4a × × × × × × × × × × × × ×	Sustainability Sustainability certificates Weight & dimensions Width Depth Height Weight * Packaging content	EPEAT Silver, ENERGY STAR 381,4 mm 267,6 mm 25,6 mm 2,4 kg
Combo headphone/mic port Docking connector ExpressCard slot CardBus PCMCIA slot type SmartCard slot Total number of SATA connectors Number of SATA III connectors		AC adapter included * Manual Quick start guide Warranty card Power cord included Other features Disc types supported	✓ ✓ ✓ ✓ CD, DVD
Keyboard Pointing device Numeric keypad * Windows keys Software Drivers included Operating system installed *	Touchpad ✓ ✓ Linux	3D Maximum internal memory (64-bit) Intel® Virtualization Technology (Intel® VT) Intel segment tagging	× 8 GB VT-x Home office
Processor special features Intel® Wireless Display (Intel® WiDi)	J		

Catalog Object Cloud



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