



DELL Inspiron 14 3442 Intel® Core™ i3 i3-4005U Laptop 35,6 cm (14") HD 4 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 820M Windows 8.1 Black

Brand : DELL

Product family: Inspiron

Product code: 14V-D3328

Product name : 14 3442



Intel Core i3-4005U Processor (3M Cache, 1.70 GHz), 4GB DDR3L 1600MHz, 500GB SATA HDD, 14" HD LED 1366 x 768, nVidia GeForce 820M 2GB DDR3L, DVD Super Multi, Fast LAN, WLAN, Bluetooth, WebCam, Windows 8.1 64-bit

DELL Inspiron 14 3442. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-4005U, Processor frequency: 1,7 GHz. Display diagonal: 35,6 cm (14"), 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: Windows 8.1. Product colour: Black



Design		Processor special features	
Product type *	Laptop	Intel® Wireless Display (Intel® WiDi)	✓
Product colour *	Black	Intel® My WiFi Technology (Intel® MWT)	✗
Form factor *	Clamshell	Intel Smart Connect Technology	✓
Display		Intel® Anti-Theft Technology (Intel® AT)	✓
Display diagonal *	35,6 cm (14")	Intel® Smart Response Technology	✗
Display resolution *	1366 x 768 pixels	Intel® Identity Protection Technology (Intel® IPT)	✓
Touchscreen *	✗	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
HD type	HD	Intel® Turbo Boost Technology	✗
LED backlight	✓	Intel® Small Business Advantage (Intel® SBA)	✗
Native aspect ratio	16:9	Intel® Matrix Storage Technology (Intel® MST)	✗
Pixel pitch	0,2265 x 0,2265 mm	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor family *	Intel® Core™ i3	Intel Clear Video Technology	✗
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 Flex Memory Access	✗
Processor frequency *	1,7 GHz	Intel® Smart Cache	✓
System bus rate	5 GT/s		
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	
FSB Parity	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	15 W	Intel Trusted Execution Technology	✗
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	10	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	2.0	Intel Demand Based Switching	✗
PCI Express configurations	4x1, 1x4	Intel® Secure Key	✓
ECC supported by processor	✗	Intel TSX-NI	✗
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory *	4 GB	Intel 64	✓
Internal memory type	DDR3L-SDRAM	Execute Disable Bit	✓
Memory clock speed	1600 MHz	Idle States	✓
Memory form factor	SO-DIMM	Thermal Monitoring Technologies	✓
Memory layout (slots x size)	1 x 4 GB	Processor package size	40 x 24 x 1.5 mm
Memory slots	1x SO-DIMM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Maximum internal memory *	8 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	500 GB	UART	✓
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Number of HDDs installed	1	Intel Smart Connect Technology version	1,00
HDD capacity	500 GB	Intel Identity Protection Technology version	1,00
HDD interface	SATA III	Intel Smart Response Technology version	0,00
HDD speed	5400 RPM	Intel Secure Key Technology version	1,00
HDD size	2.5"	Intel Small Business Advantage (SBA) version	0,00
Optical drive type *	DVD Super Multi	Intel ME Firmware Version	9.5
Card reader integrated	✓	Intel TSX-NI version	0,00
Compatible memory cards	SD, SDHC, SDXC	Intel Virtualization Technology (VT-x)	✓
Graphics		Intel Dual Display Capable Technology	✗
Discrete graphics card model *	NVIDIA® GeForce® 820M	Intel FDI Technology	✗
Discrete graphics card memory	2 GB	Intel Rapid Storage Technology	✓
Discrete graphics memory type	GDDR3	Intel Fast Memory Access	✗
On-board graphics card *	✓	Processor ARK ID	75105
Discrete graphics card *	✓	Conflict-Free processor	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 4400	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card base frequency	200 MHz	Number of battery cells	4
On-board graphics card dynamic frequency (max)	950 MHz	Battery capacity *	40 Wh
Maximum on-board graphics card memory	2 GB	Battery voltage	14,8 V
On-board graphics card DirectX version	12	Battery recharge time	4 h
On-board graphics card ID	0xA16	Power	
Number of discrete graphics cards installed	1	AC adapter power	65 W
Audio		AC adapter frequency	50 - 60 Hz
Audio system	Waves MaxxAudio	AC adapter input voltage	100 - 240 V
Number of built-in speakers	2	AC adapter output voltage	19.5 V
Speaker power	2 W	DC-in jack	✓
Built-in microphone	✓	Security	
Camera		Cable lock slot	✓
Front camera	✓	Password protection	✓
Front camera resolution (numeric)	1 MP	Network	
Network		Wi-Fi	✓
Wi-Fi	✓	Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Ethernet LAN	✓
Ethernet LAN	✓		

Network		Operational conditions	
Ethernet LAN data rates	10,100 Mbit/s	Operating temperature (T-T)	0 - 40 °C
Bluetooth	✓	Storage temperature (T-T)	-40 - 65 °C
Bluetooth version	4.0	Operating relative humidity (H-H)	10 - 90%
Ports & interfaces		Storage relative humidity (H-H)	0 - 95%
USB 2.0 ports quantity *	2	Operating vibration	0,66 G
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Non-operating vibration	1,3 G
Ethernet LAN (RJ-45) ports	1	Sustainability	
HDMI ports quantity *	1	Sustainability certificates	EPEAT Silver, ENERGY STAR
DVI port	✗	Weight & dimensions	
S/PDIF out port	✗	Width	346 mm
Microphone in	✗	Depth	246 mm
Combo headphone/mic port	✓	Height	25,4 mm
Docking connector	✗	Weight *	2,01 kg
ExpressCard slot	✗	Packaging content	
CardBus PCMCIA slot type	✗	AC adapter included *	✓
SmartCard slot	✗	Manual	✓
Total number of SATA connectors	2	Quick start guide	✓
Number of SATA III connectors	2	Warranty card	✓
Keyboard		Other features	
Pointing device	Touchpad	Disc types supported	CD, DVD
Numeric keypad *	✗	3D	✗
Windows keys	✓	Maximum internal memory (64-bit)	8 GB
Software		Intel segment tagging	Home office
Operating system architecture	64-bit		
Drivers included	✓		
Operating system installed *	Windows 8.1		

Catalog Object Cloud



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