



DELL Inspiron 3421 Intel® Celeron® 1017U Laptop 35,6 cm (14") 2 GB DDR3-SDRAM 320 GB HDD FreeDOS Black

Brand : DELL

Product family: Inspiron

Product code: 14-N3421-V4C3203

Product name : 3421

Intel Celeron Processor 1017U (2M Cache, 1.60 GHz), Intel HM76, 2GB DDR3, 320GB SATA HDD, 14" HD Truelife 1366 x 768, DVD Super Multi, Fast LAN, WLAN, Bluetooth, WebCam, FreeDOS

DELL Inspiron 3421. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Celeron®, Processor model: 1017U, Processor frequency: 1,6 GHz. Display diagonal: 35,6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 320 GB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics. Operating system installed: FreeDOS. Product colour: Black



Design		Keyboard	
Product type *	Laptop	Windows keys	✓
Product colour *	Black	Software	
Form factor *	Clamshell	Drivers included	✓
Display		Operating system installed *	FreeDOS
Display diagonal *	35,6 cm (14")	Processor special features	
Display resolution *	1366 x 768 pixels	Intel® Wireless Display (Intel® WiDi)	✗
Touchscreen *	✗	Intel® My WiFi Technology (Intel® MWT)	✗
HD type	Not supported	Intel® Anti-Theft Technology (Intel® AT)	✗
LED backlight	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Native aspect ratio	16:9	Intel® Turbo Boost Technology	✗
Display surface	Matt	Enhanced Intel SpeedStep Technology	✓
Processor		Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor manufacturer *	Intel	Intel Clear Video Technology	✗
Processor family *	Intel® Celeron®	Intel® InTru™ 3D Technology	✗
Processor model *	1017U	Intel® Insider™	✗
Processor cores	2	Intel® Quick Sync Video Technology	✗
Processor threads	2	Intel Flex Memory Access	✓
Processor frequency *	1,6 GHz	Intel® Smart Cache	✓
System bus rate	5 GT/s	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor cache	2 MB	Intel Trusted Execution Technology	✗
Processor cache type	L3	Intel Enhanced Halt State	✓
Processor socket	BGA 1023		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Celeron 1000 series for Mobile		
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		

Processor		Processor special features	
Stepping	P0	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	17 W	Intel Demand Based Switching	✗
Tjunction	105 °C	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Maximum number of PCI Express lanes	16	Intel 64	✓
PCI Express slots version	2.0	Execute Disable Bit	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Idle States	✓
ECC supported by processor	✗	Thermal Monitoring Technologies	✓
Memory		Processor package size	31 x 24 mm
Internal memory *	2 GB	Supported instruction sets	SSE4.1, SSE4.2
Internal memory type	DDR3-SDRAM	Processor code	SR10A
Memory clock speed	1333 MHz	CPU configuration (max)	1
Memory form factor	SO-DIMM	Embedded options available	✗
Memory layout (slots x size)	1 x 2 GB	Graphics & IMC lithography	22 nm
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Maximum internal memory *	8 GB	Intel Virtualization Technology (VT-x)	✓
Storage		Intel Dual Display Capable Technology	✗
Total storage capacity *	320 GB	Intel FDI Technology	✓
Storage media *	HDD	Intel Rapid Storage Technology	✗
Number of hard drives installed	1	Intel Fast Memory Access	✓
Hard drive capacity	320 GB	Processor ARK ID	75192
Hard drive interface	SATA	Conflict-Free processor	✓
Hard drive speed	5400 RPM	Integrated 4G WiMAX	✗
Optical drive type *	DVD Super Multi	Battery	
Card reader integrated	✓	Battery technology	Lithium-Ion (Li-Ion)
Compatible memory cards	SD, SDHC, SDXC, Memory Stick (MS), MS PRO, MSXC, MMC, MMC+	Power	
Graphics		AC adapter frequency	50 - 60 Hz
Discrete graphics card model *	Not available	AC adapter input voltage	100 - 240 V
On-board graphics card *	✓	AC adapter output voltage	19.5 V
Discrete graphics card *	✗	DC-in jack	✓
On-board graphics card family	Intel® HD Graphics	Security	
On-board graphics card model *	Intel® HD Graphics	Cable lock slot	✓
On-board graphics card base frequency	350 MHz	Password protection	✓
On-board graphics card dynamic frequency (max)	1000 MHz	Operational conditions	
Audio		Operating temperature (T-T)	0 - 35 °C
Audio system	Waves MaxxAudio 4	Storage temperature (T-T)	-40 - 65 °C
Number of built-in speakers	2	Operating relative humidity (H-H)	10 - 90%
Speaker power	2 W	Storage relative humidity (H-H)	5 - 90%
Built-in microphone	✓	Operating altitude	-15,2 - 3048 m
Camera		Non-operating altitude	-15,2 - 10668 m
Front camera	✓	Operating shock	110 G
Front camera resolution (numeric)	0,92 MP	Non-operating shock	160 G
Front camera resolution	1280 x 720 pixels	Operating vibration	0,66 G
Network		Non-operating vibration	1,3 G
Wi-Fi	✓	Weight & dimensions	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	346 mm
Ethernet LAN	✓	Depth	245 mm
Ethernet LAN data rates	10,100 Mbit/s	Height	25,4 mm
Bluetooth	✓	Weight *	1,99 kg
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	1	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Cables included	AC
Ethernet LAN (RJ-45) ports	1		

Ports & interfaces		Packaging content	
HDMI ports quantity *	1	Manual	✓
HDMI version	1.4a	Quick start guide	✓
DVI port	✗	Warranty card	✓
S/PDIF out port	✗	Other features	
Microphone in	✗	Disc types supported	CD, DVD
Combo headphone/mic port	✓	3D	✗
Docking connector	✗	Maximum internal memory (64-bit)	8 GB
ExpressCard slot	✗	Intel® Virtualization Technology (Intel® VT)	VT-x
CardBus PCMCIA slot type	✗	Intel segment tagging	Home office
SmartCard slot	✗		
Performance			
Motherboard chipset	Intel HM76 Express		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		

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