



Dell Vostro 2520 Intel® i3 i3-2348M 39.6 cm (15.6") 4 GB DDR3-SDRAM 500 GB HDD Windows 8

Brand : DELL

Series : Vostro

Model : 2520-8275

SKU : 2520



Dell Vostro 2520. Processor: Intel, Core: Intel® i3, Model: i3-2348M, Frequency: 2.3 GHz. Display: 39.6 cm (15.6"), Resolution: 1366 x 768 pixels. Memory: 4 GB, Type: DDR3-SDRAM. Storage: 500 GB, Type: HDD, Interface: DVD±RW. Operating system: Windows 8. Weight: 3000g.

Design		Ports & interfaces	
Product type *	Laptop	Docking connector	✗
Product colour *	Black	ExpressCard slot	✗
Form factor *	Clamshell	CardBus PCMCIA slot type	✗
Housing material	Plastic	SmartCard slot	✗
Display		Headphone connectivity	3.5 mm
Display diagonal *	39.6 cm (15.6")	Microphone connectivity	3.5 mm
Display resolution *	1366 x 768 pixels	Performance	
Touchscreen *	✗	Motherboard chipset	Intel® HM75 Express
Display number of colours	262144 colours	Keyboard	
LED backlight	✓	Pointing device	Touchpad
Native aspect ratio	16:9	Numeric keypad *	✗
Display brightness	220 cd/m²	Spill-resistant keyboard	✓
Pixel pitch	0.252 x 0.252 mm	Full-size keyboard	✓
Processor		Keyboard number of keys	87
Processor manufacturer *	Intel	Windows keys	✓
Processor family *	Intel® Core™ i3	Software	
Processor generation	2nd gen Intel® Core™ i3	Operating system architecture	64-bit
Processor model *	i3-2348M	Operating system installed *	Windows 8
Processor cores	2	Processor special features	
Processor threads	4	Intel® My WiFi Technology (Intel® MWT)	✓
Processor frequency *	2.3 GHz	Intel® Anti-Theft Technology (Intel® AT)	✓
System bus rate	5 GT/s	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cache	3 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache type	Smart Cache	Intel® Turbo Boost Technology	✗
Processor lithography	32 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor series	Intel Core i3-2300 Mobile Series	Intel® InTru™ 3D Technology	✓
Processor codename	Sandy Bridge		
Bus type	DMI		
Thermal Design Power (TDP)	35 W		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		
PCI Express configurations	1x16, 1x8+2x4, 2x8		

Processor		Processor special features	
ECC supported by processor	✗	Intel® Insider™	✓
Memory		Intel® Quick Sync Video Technology	✓
Internal memory *	4 GB	Intel Flex Memory Access	✓
Internal memory type	DDR3-SDRAM	Intel® AES New Instructions (Intel® AES-NI)	✗
Memory clock speed	1600 MHz	Intel Trusted Execution Technology	✗
Memory slots	2x SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory *	8 GB	Intel Demand Based Switching	✗
Storage		Intel 64	✓
Total storage capacity *	500 GB	Execute Disable Bit	✓
Storage media *	HDD	Idle States	✓
Number of HDDs installed	1	Thermal Monitoring Technologies	✓
HDD capacity	500 GB	Supported instruction sets	AVX
HDD interface	SATA	CPU configuration (max)	1
HDD speed	5400 RPM	Embedded options available	✗
HDD size	2.5"	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Optical drive type *	DVD±RW	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	Memory Stick (MS), MMC, SD	Intel Fast Memory Access	✓
Graphics		Processor ARK ID	74542
Discrete graphics card model *	Not available	Conflict-Free processor	✓
On-board graphics card *	✓	Integrated 4G WiMAX	✓
Discrete graphics card *	✗	Battery	
On-board graphics card family	Intel® HD Graphics	Battery technology	Lithium Polymer (LiPo)
On-board graphics card model *	Intel® HD Graphics 3000	Number of battery cells	6
On-board graphics card base frequency	650 MHz	Battery capacity *	48 Wh
On-board graphics card dynamic frequency (max)	1150 MHz	Battery voltage	11.1 V
Audio		Battery recharge time	4 h
Number of built-in speakers	2	Power	
Speaker power	2 W	AC adapter power	65 W
Built-in microphone	✓	DC-in jack	✓
Camera		Security	
Front camera resolution (numeric)	1.3 MP	Cable lock slot	✓
Front camera resolution	640 x 480 pixels	Cable lock slot type	Kensington
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN	✓	Width	376 mm
Ethernet LAN data rates	10,1000 Mbit/s	Depth	260 mm
Bluetooth	✓	Height (front)	3.15 cm
Bluetooth version	4.0	Height (rear)	3.45 cm
Cabling technology	10/100/1000Base-T(X)	Weight *	2.36 kg
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	3	Cables included	AC
Ethernet LAN (RJ-45) ports	1	Manual	✓
HDMI ports quantity *	1	Other features	
DVI port	✗	Disc types supported	CD-R, CD-RW, DVD+R, DVD+RW, DVD-R, DVD-RW
VGA (D-Sub) ports quantity	1	64-bit computing	✓
Headphone outputs	1		
S/PDIF out port	✗		
Microphone in	✓		

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