



DELL Vostro 3458 Intel® Core™ i5 i5-5200U Laptop 35,6 cm (14") HD 4 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 820M Windows 8 Black



Brand : DELL

Product family: Vostro

Article code: V3458-1528B

Product name : 3458

DELL Vostro 3458. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-5200U, Processor frequency: 2,2 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. Product color: Black

Design		Ports & interfaces	
Product type *	Laptop	Number of SATA III connectors	2
Product color *	Black	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✗
Display diagonal *	35,6 cm (14")	Full-size keyboard	✓
Display resolution *	1366 x 768 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	HD	Operating system architecture	64-bit
LED backlight	✓	Drivers included	✓
Native aspect ratio	16:9	Operating system installed *	Windows 8
Display brightness	200 cd/m²	Processor special features	
Pixel pitch	0,2265 x 0,2265 mm	Intel® Wireless Display (Intel® WiDi)	✓
Dual-screen	✗	Intel® Smart Response Technology	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor generation	5th gen Intel® Core™ i5	Intel® Small Business Advantage (Intel® SBA)	✓
Processor model *	i5-5200U	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel Clear Video Technology	✓
Processor boost frequency	2,7 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2,2 GHz	Intel® Insider™	✓
System bus rate	5 GT/s		
Processor cache	3 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1168		
Processor lithography	14 nm		
Processor operating modes	32-bit, 64-bit		

Processor		Processor special features	
Processor series	Intel® Core™ i5-5200 Mobile Series	Intel® Quick Sync Video Technology	✓
Processor codename	Broadwell	Intel Flex Memory Access	✓
Bus type	DMI2	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	F0	Intel Enhanced Halt State	✓
Thermal Design Power (TDP)	15 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down	7,5 W	Intel® Secure Key	✓
Configurable TDP-down frequency	0,6 GHz	Intel® OS Guard	✓
Tjunction	105 °C	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Maximum number of PCI Express lanes	12	Intel 64	✓
PCI Express slots version	2.0	Execute Disable Bit	✓
PCI Express configurations	4x1, 2x4	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	4 GB	Processor package size	40 x 24 x 1.3 mm
Internal memory type	DDR3L-SDRAM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory clock speed	1600 MHz	Processor code	SR23Y
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	Graphics & IMC lithography	14 nm
Maximum internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage		Intel Identity Protection Technology version	1,00
Total storage capacity *	500 GB	Intel Smart Response Technology version	1,00
Storage media *	HDD	Intel Secure Key Technology version	1,00
Number of HDDs installed	1	Intel Small Business Advantage (SBA) version	1,00
HDD capacity	500 GB	Intel Virtualization Technology (VT-x)	✓
HDD speed	5400 RPM	Intel FDI Technology	✓
HDD size	2.5"	Intel Fast Memory Access	✓
Optical drive type *	DVD Super Multi	Processor ARK ID	85212
Card reader integrated	✓	Conflict-Free processor	✓
Compatible memory cards	SD	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA® GeForce® 820M	Battery voltage	14,8 V
Discrete graphics card memory	2 GB	Power	
Discrete graphics memory type	GDDR3	AC adapter frequency	50 - 60 Hz
On-board graphics card *	✓	AC adapter input voltage	100 - 240 V
Discrete graphics card *	✓	AC adapter output voltage	19.5 V
On-board graphics card family	Intel® HD Graphics	DC-in jack	✓
On-board graphics card model *	Intel® HD Graphics 5500	Security	
On-board graphics card base frequency	300 MHz	Cable lock slot	✓
On-board graphics card dynamic frequency (max)	900 MHz	Password protection	✓
Maximum on-board graphics card memory	16 GB	Operational conditions	
On-board graphics card DirectX version	11.2	Operating temperature (T-T)	0 - 35 °C
On-board graphics card ID	0x1616	Storage temperature (T-T)	-40 - 65 °C
Number of discrete graphics cards installed	1	Operating relative humidity (H-H)	10 - 90%
Audio		Storage relative humidity (H-H)	0 - 95%
Audio chip	Realtek ALC3234	Operating altitude	-15,2 - 3048 m
Number of built-in speakers	2	Non-operating altitude	-15,2 - 10668 m
Speakers manufacturer	Waves	Sustainability	
Speaker power	2 W	Sustainability certificates	EPEAT Silver, ENERGY STAR
Built-in microphone	✓		
Camera			
Front camera	✓		
Front camera resolution	1280 x 720 pixels		

Network		Weight & dimensions	
Wi-Fi	✓	Width	345 mm
Ethernet LAN	✓	Depth	243 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height	23,4 mm
Bluetooth	✓	Weight *	1,94 kg
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	2	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Manual	✓
Ethernet LAN (RJ-45) ports	1	Quick start guide	✓
DVI port	✗	Warranty card	✓
VGA (D-Sub) ports quantity	1	Power cord included	✓
S/PDIF out port	✗	Other features	
Microphone in	✗	LightScribe	✗
Combo headphone/mic port	✓	Disc types supported	CD, DVD
Docking connector	✗	Maximum internal memory (64-bit)	16 GB
CardBus PCMCIA slot type	✗	Intel segment tagging	Small Business
Total number of SATA connectors	2		

Catalog Object Cloud



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