



DELL Vostro 3459 Intel® Core™ i7 i7-6500U Laptop 35.6 cm (14") HD 8 GB DDR3L-SDRAM 1 TB HDD Ubuntu Linux Black

Brand : DELL

Product family: Vostro

Product code: SNS3459007

Product name : 3459



Intel Core i7-6500U (4MB Cache, 2.5 GHz), 8GB DDR3L 1600MHz, 1TB SATA HDD, 14" HD LED 1366 x 768, DVD Super Multi, Gigabit LAN, WLAN, Bluetooth, WebCam, Ubuntu
DELL Vostro 3459. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-6500U, Processor frequency: 2.5 GHz. Display diagonal: 35.6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Ubuntu Linux. Product color: Black



Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product color *	Black	Drivers included	✓
Form factor *	Clamshell	Operating system installed *	Ubuntu Linux
Display		Processor special features	
Display diagonal *	35.6 cm (14")	Intel® Wireless Display (Intel® WiDi)	✓
Display resolution *	1366 x 768 pixels	Intel® My WiFi Technology (Intel® MWT)	✓
Touchscreen *	✗	Intel® Smart Response Technology	✓
HD type	HD	Intel® Identity Protection Technology (Intel® IPT)	✓
LED backlight	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Native aspect ratio	16:9	Intel® Turbo Boost Technology	2.0
Dual-screen	✗	Intel® Small Business Advantage (Intel® SBA)	✓
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor family *	Intel® Core™ i7	Intel Clear Video Technology	✓
Processor generation	6th gen Intel® Core™ i7	Intel® InTru™ 3D Technology	✓
Processor model *	i7-6500U	Intel® Insider™	✓
Processor cores	2	Intel® Quick Sync Video Technology	✓
Processor threads	4	Intel Flex Memory Access	✓
Processor boost frequency	3.1 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor frequency *	2.5 GHz	Intel Trusted Execution Technology	✗
System bus rate	4 GT/s	Intel Enhanced Halt State	✓
Processor cache	4 MB		
Processor cache type	Smart Cache		
Processor socket	LGA 1356 (Socket B2)		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-6500 Mobile series		
Processor codename	Skylake		

Processor		Processor special features	
Bus type	OPI	Intel VT-x with Extended Page Tables (EPT)	✓
Stepping	D1	Intel® Secure Key	✓
Thermal Design Power (TDP)	15 W	Intel TSX-NI	✗
Configurable TDP-up frequency	2.6 GHz	Intel Stable Image Platform Program (SIPP)	✗
Configurable TDP-up	25 W	Intel® OS Guard	✓
Configurable TDP-down	7.5 W	Intel Software Guard Extensions (Intel SGX)	✓
Configurable TDP-down frequency	0.8 GHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Tjunction	100 °C	Intel 64	✓
Maximum number of PCI Express lanes	12	Execute Disable Bit	✓
PCI Express slots version	3.0	Idle States	✓
PCI Express configurations	1x4, 4x1	Thermal Monitoring Technologies	✓
ECC supported by processor	✗	Processor package size	42 X 24 mm
Memory		Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Internal memory *	8 GB	Processor code	SR2EZ
Internal memory type	DDR3L-SDRAM	CPU configuration (max)	1
Memory clock speed	1600 MHz	Embedded options available	✗
Memory form factor	SO-DIMM	Graphics & IMC lithography	14 nm
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum internal memory *	16 GB	Intel Identity Protection Technology version	1.00
Storage		Intel Smart Response Technology version	1.00
Total storage capacity *	1 TB	Intel Stable Image Platform Program (SIPP) version	0.00
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	1 TB	Intel TSX-NI version	1.00
HDD speed	5400 RPM	Intel Virtualization Technology (VT-x)	✓
HDD size	2.5"	Processor ARK ID	88194
Optical drive type *	DVD Super Multi	Conflict-Free processor	✓
Card reader integrated	✓	Battery	
Compatible memory cards	SD	Battery technology	Lithium-Ion (Li-Ion)
Graphics		Power	
Discrete graphics card model *	Not available	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 520	Security	
On-board graphics card base frequency	300 MHz	Cable lock slot	✓
On-board graphics card dynamic frequency (max)	1050 MHz	Cable lock slot type	Kensington
Maximum on-board graphics card memory	1.74 GB	Password protection	✓
On-board graphics card DirectX version	12.0	Operational conditions	
On-board graphics card OpenGL version	4.4	Operating temperature (T-T)	0 - 35 °C
On-board graphics card ID	1916	Storage temperature (T-T)	-40 - 65 °C
Audio		Operating relative humidity (H-H)	10 - 90%
Audio chip	Realtek ALC3234	Storage relative humidity (H-H)	0 - 95%
Number of built-in speakers	2	Operating altitude	-15.2 - 3048 m
Speakers manufacturer	Waves	Non-operating altitude	-15.2 - 10668 m
Speaker power	2 W	Sustainability	
Built-in microphone	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Camera			
Front camera	✓		
Front camera resolution (numeric)	1 MP		
Front camera resolution	1280 x 720 pixels		

Network		Weight & dimensions	
Wi-Fi	✓	Width	345 mm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Depth	243 mm
Ethernet LAN	✓	Height	23.4 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	1.92 kg
Bluetooth	✓	Packaging content	
Bluetooth version	4.0	AC adapter included *	✓
Ports & interfaces		Manual	✓
USB 2.0 ports quantity *	2	Quick start guide	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Warranty card	✓
Ethernet LAN (RJ-45) ports	1	Power cord included	✓
DVI port	✗	Other features	
VGA (D-Sub) ports quantity	1	LightScribe	✗
S/PDIF out port	✗	Disc types supported	CD, DVD
Microphone in	✗	Maximum internal memory (64-bit)	16 GB
Combo headphone/mic port	✓	Intel segment tagging	Small Business
Docking connector	✗		
CardBus PCMCIA slot type	✗		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		
Full-size keyboard	✓		
Windows keys	✓		

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