DELL

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 colour: Black

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display

Display diagonal *	35,6 cm (14")
Display resolution *	1366 x 768 pixels
Touchscreen *	✘
HD type	HD
LED backlight	✔
Native aspect ratio	16:9
Dual-screen	✘

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	6th gen Intel® Core™ i7
Processor model *	i7-6500U
Processor cores	2
Processor threads	4
Processor boost frequency	3,1 GHz
Processor frequency *	2,5 GHz
System bus rate	4 GT/s
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

Keyboard

Windows keys	✔

Software

Operating system architecture	64-bit
Drivers included	✔
Operating system installed *	Ubuntu Linux

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✔
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® AES New Instructions (Intel® AES-NI)	✔

Processor

Bus type	OPI
Stepping	D1
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	2,6 GHz
Configurable TDP-up	25 W
Configurable TDP-down	7,5 W
Configurable TDP-down frequency	0,8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x4, 4x1
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR3L-SDRAM
Memory clock speed	1600 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Number of hard drives installed	1
Hard drive capacity	1 TB
Hard drive speed	5400 RPM
Hard drive size	2.5"
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 520
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
Maximum on-board graphics card memory	1,74 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	1916

Audio

Audio chip	Realtek ALC3234
Number of built-in speakers	2
Speakers manufacturer	Waves
Speaker power	2 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution (numeric)	1 MP
Front camera resolution	1280 x 720 pixels

Processor special features

Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✘
Intel Stable Image Platform Program (SIPP)	✘
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 X 24 mm
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Processor code	SR2EZ
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1,00
Intel Smart Response Technology version	1,00
Intel Stable Image Platform Program (SIPP) version	0,00
Intel Secure Key Technology version	1,00
Intel Small Business Advantage (SBA) version	1,00
Intel TSX-NI version	1,00
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	88194
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)

Power

AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output voltage	19.5 V
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Password protection	✔

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15,2 - 3048 m
Non-operating altitude	-15,2 - 10668 m

Network

Wi-Fi	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports	1
DVI port	✘
VGA (D-Sub) ports quantity	1
S/PDIF out port	✘
Microphone in	✘
Combo headphone/mic port	✔
Docking connector	✘
CardBus PCMCIA slot type	✘

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Full-size keyboard	✔

Sustainability

Sustainability certificates	EPEAT Silver, ENERGY STAR

Weight & dimensions

Width	345 mm
Depth	243 mm
Height	23,4 mm
Weight *	1,92 kg

Packaging content

AC adapter included *	✔
Manual	✔
Quick start guide	✔
Warranty card	✔
Power cord included	✔

Other features

LightScribe	✘
Disc types supported	CD, DVD
Maximum internal memory (64-bit)	16 GB
Intel segment tagging	Small Business

Catalog Object Cloud