DELL Vostro 5460 Intel® Core™ i3 i3-3120M Laptop 35.6 cm (14") 4 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® GT 630M Windows 8 Graphite, Silver

Brand : DELL   **Product family:** Vostro   **Product code:** 5460-D3120

Product name : 5460

Intel Core i3-3120M Processor (3M Cache, 2.50 GHz), Intel HM77, 4GB DDR3 1600MHz, 500GB SATA HDD, 14" HD Truelife 1366 x 768, nVidia GeForce GT 630M 2GB DDR3, Gigabit Ethernet, WLAN 802.11 b/g/n, Bluetooth, WebCam, Windows 8 64-bit

DELL Vostro 5460. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor: i3-3120M, Processor frequency: 2.5 GHz. Display diagonal: 35.6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4000, Discrete graphics card model: NVIDIA® GeForce® GT 630M. Operating system installed: Windows 8. Product colour: Graphite, Silver

Design

Product type *	Laptop
Product colour *	Graphite, Silver
Form factor *	Clamshell

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1366 x 768 pixels
Touchscreen *	✗
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i3
Processor generation	3rd gen Intel® Core™ i3
Processor *	i3-3120M
Processor number of cores	2
Processor threads	4
Processor frequency *	2.5 GHz
System bus data transfer rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel Core i3-3100 Mobile Series
Processor codename	Ivy Bridge
Bus type	DMI
FSB Parity	✗
Thermal Design Power (TDP)	35 W
Tjunction	105 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	25

Ports & interfaces

USB Sleep-and-Charge ports	1

Performance

Chipset	Intel HM77 Express

Keyboard

Pointing device	Touchpad
Numeric keypad *	✗
Windows keys	✔

Software

Operating system architecture	64-bit
Drivers included	✔
Operating system installed *	Windows 8

Processor special features

Intel Wireless Display (WiDi) Technology	✔
Intel My WiFi Technology	✔
Intel Smart Connect Technology	✗
Intel Anti-Theft Technology	✔
Intel® Rapid Start Technology	✗
Intel® Smart Response Technology	✗
Intel Identity Protection Technology	✔
Intel Hyper-Threading Technology	✔
Intel Turbo Boost Technology	✗
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✗
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔

Processor

ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1600 MHz

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of HDDs installed	1
Hard drive capacity	500 GB
Hard drive interface	SATA
Hard drive rotational speed	5400 RPM
Optical drive *	✘
Card reader integrated	✔

Graphics

Discrete graphics card model *	NVIDIA® GeForce® GT 630M
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR3
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 4000
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
On-board graphics card ID	0x166

Audio

Audio system	WaveMaxx Audio
Number of built-in speakers	2
Speaker power	1.5 W
Built-in subwoofer	✔
Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN connection	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.0
Data network	Not supported
4G WiMAX	✘
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✘
S/PDIF out port	✘
Microphone in	✘
Combo headphone/mic port	✔

Processor special features

Intel® Smart Cache	✔
Intel AES New Instructions	✘
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✘
Intel Clear Video Technology for MID	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	37.5 x 37.5 (rPGA988B); 31 x 24 (BGA1023)
Supported instruction sets	AVX
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	22 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Identity Protection Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✔
Processor ARK ID	71465
Conflict-Free processor	✔
Integrated 4G WiMAX	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3

Power

AC adapter power	90 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
DC-in jack	✔

Security

Cable lock slot	✔

Sustainability

Sustainability certificates	EPEAT Silver, ENERGY STAR

Weight & dimensions

Width	337.6 mm
Depth	233.5 mm
Height (front)	1.83 cm
Height (rear)	2.1 cm
Weight *	1.54 kg

Packaging content

AC adapter included *	✔
Cables included	AC
Manual	✔
Quick start guide	✔
Warranty card	✔

Ports & interfaces		Other features	
Docking connector	✘	LightScribe	✘
ExpressCard slot	✘		
CardBus PCMCIA slot type	✘		
SmartCard slot	✘		
USB Sleep-and-Charge	✔		

Ports & interfaces	
Docking connector	✘
ExpressCard slot	✘
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