



**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		Ports & interfaces	
Product type *	Laptop	USB Sleep-and-Charge ports	1
Product colour *	Graphite, Silver	Performance	
Form factor *	Clamshell	Chipset	Intel HM77 Express
Display		Keyboard	
Display diagonal *	35.6 cm (14")	Pointing device	Touchpad
Display resolution *	1366 x 768 pixels	Numeric keypad *	✗
Touchscreen *	✗	Windows keys	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Processor		Drivers included	✓
Processor manufacturer *	Intel	Operating system installed *	Windows 8
Processor family *	Intel® Core™ i3	Processor special features	
Processor generation	3rd gen Intel® Core™ i3	Intel Wireless Display (WiDi) Technology	✓
Processor *	i3-3120M	Intel My WiFi Technology	✓
Processor number of cores	2	Intel Smart Connect Technology	✗
Processor threads	4	Intel Anti-Theft Technology	✓
Processor frequency *	2.5 GHz	Intel® Rapid Start Technology	✗
System bus data transfer rate	5 GT/s	Intel® Smart Response Technology	✗
Processor cache	3 MB	Intel Identity Protection Technology	✓
Processor cache type	Smart Cache	Intel Hyper-Threading Technology	✓
Processor lithography	22 nm	Intel Turbo Boost Technology	✗
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor series	Intel Core i3-3100 Mobile Series	Intel Clear Video HD Technology	✓
Processor codename	Ivy Bridge	Intel Clear Video Technology	✗
Bus type	DMI	Intel® InTru™ 3D Technology	✓
FSB Parity	✗	Intel® Insider™	✓
Thermal Design Power (TDP)	35 W	Intel® Quick Sync Video Technology	✓
Tjunction	105 °C	Intel Flex Memory Access	✓
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		

Processor		Processor special features	
ECC supported by processor	✗	Intel® Smart Cache	✓
Memory		Intel AES New Instructions	✗
Internal memory *	4 GB	Intel Trusted Execution Technology	✗
Internal memory type	DDR3-SDRAM	Intel Enhanced Halt State	✓
Memory clock speed	1600 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Storage		Intel Demand Based Switching	✗
Total storage capacity *	500 GB	Intel Clear Video Technology for MID	✓
Storage media *	HDD	Intel 64	✓
Number of HDDs installed	1	Execute Disable Bit	✓
Hard drive capacity	500 GB	Idle States	✓
Hard drive interface	SATA	Thermal Monitoring Technologies	✓
Hard drive rotational speed	5400 RPM	Processor package size	37.5 x 37.5 (rPGA988B); 31 x 24 (BGA1023)
Optical drive *	✗	Supported instruction sets	AVX
Card reader integrated	✓	CPU configuration (max)	1
Graphics		Embedded options available	✗
Discrete graphics card model *	NVIDIA® GeForce® GT 630M	Graphics & IMC lithography	22 nm
Discrete graphics card memory	2 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics memory type	GDDR3	Intel Identity Protection Technology version	1.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Intel Dual Display Capable Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel FDI Technology	✓
On-board graphics card model *	Intel® HD Graphics 4000	Intel Rapid Storage Technology	✗
On-board graphics card base frequency	650 MHz	Intel Fast Memory Access	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Processor ARK ID	71465
On-board graphics card ID	0x166	Conflict-Free processor	✓
Audio		Integrated 4G WiMAX	✓
Audio system	WaveMaxx Audio	Battery	
Number of built-in speakers	2	Battery technology	Lithium-Ion (Li-Ion)
Speaker power	1.5 W	Number of battery cells	3
Built-in subwoofer	✓	Power	
Built-in microphone	✓	AC adapter power	90 W
Camera		AC adapter frequency	50 - 60 Hz
Front camera	✓	AC adapter input voltage	100 - 240 V
Network		DC-in jack	✓
Wi-Fi	✓	Security	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Cable lock slot	✓
Ethernet LAN connection	✓	Sustainability	
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability certificates	EPEAT Silver, ENERGY STAR
Bluetooth	✓	Weight & dimensions	
Bluetooth version	4.0	Width	337.6 mm
Data network	Not supported	Depth	233.5 mm
4G WiMAX	✗	Height (front)	1.83 cm
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n	Height (rear)	2.1 cm
Ports & interfaces		Weight *	1.54 kg
USB 2.0 ports quantity *	1	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	AC adapter included *	✓
Ethernet LAN (RJ-45) ports	1	Cables included	AC
HDMI ports quantity *	1	Manual	✓
DVI port	✗	Quick start guide	✓
S/PDIF out port	✗	Warranty card	✓
Microphone in	✗		
Combo headphone/mic port	✓		

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

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