DELL

DELL Vostro V131 Intel® Core™ i5 i5-2450M 🔲🔲🔲🔲🔲 33,8 cm (13.3") HD 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional 🔲🔲🔲🔲, 🔲🔲🔲🔲🔲

Brand : DELL   **Product family:** Vostro   **Product code:** V131-3011

Product name : V131

Design

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

Display

Display diagonal *	33.8 cm (13.3")
Display resolution *	1366 x 768 pixels
Touchscreen *	✘
HD type	HD
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	2nd gen Intel® Core™ i5
Processor model *	i5-2450M
Processor cores	2
Processor threads	4
Processor boost frequency	3.1 GHz
Processor frequency *	2.5 GHz
System bus rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-2400 Mobile Series
Processor codename	Sandy Bridge
Bus type	DMI
FSB Parity	✘
Stepping	J1
Thermal Design Power (TDP)	35 W
Tjunction	100 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
Number of processors supported	1
CPU multiplier (bus/core ratio)	25
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM

Keyboard

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

Software

Operating system architecture	64-bit
Operating system installed *	Windows 7 Professional

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Anti-Theft Technology (Intel® AT)	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
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® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
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 Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	500 GB
HDD size	2.5"
Optical drive type *	✗
Card reader integrated	✔

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 3000
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1300 MHz
On-board graphics card ID	0x116

Audio

Audio system	HD
Built-in speaker(s)	✔
Number of built-in speakers	2
Built-in microphone	✔

Network

Wi-Fi	✔
Networking features	Gigabit Ethernet
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	3.0+HS
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u

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	✗
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✗
Microphone in	✔
ExpressCard slot	✗
CardBus PCMCIA slot type	✗
SmartCard slot	✗

Performance

Motherboard chipset	Intel HM67 Express

Processor special features

Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Supported instruction sets	AVX
Processor code	SR04Z
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	32 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	53452
Conflict-Free processor	✗
Integrated 4G WiMAX	✔

Battery

Battery life (max)	9.5 h

Power

DC-in jack	✔

Security

Cable lock slot	✗

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	329.3 mm
Depth	237.7 mm
Height (front)	1.6 cm
Height (rear)	2.1 cm
Width (imperial)	32.9 cm (13")
Depth (imperial)	23.8 cm (9.36")
Height (front) (imperial)	1.6 cm (0.63")
Height (rear) (imperial)	2.11 cm (0.83")
Weight *	1.83 kg

Packaging content

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

Other features

LightScribe	✗
Infrared data port	✗