



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		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black, Silver	Numeric keypad *	✗
Form factor *	Clamshell	Full-size keyboard	✓
Display		Software	
Display diagonal *	33.8 cm (13.3")	Operating system architecture	64-bit
Display resolution *	1366 x 768 pixels	Operating system installed *	Windows 7 Professional
Touchscreen *	✗	Processor special features	
HD type	HD	Intel® Wireless Display (Intel® WiDi)	✓
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✓
Processor		Intel® Anti-Theft Technology (Intel® AT)	✓
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i5	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	2nd gen Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor model *	i5-2450M	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel Clear Video Technology	✗
Processor boost frequency	3.1 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2.5 GHz	Intel® Insider™	✓
System bus rate	5 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	3 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache	Intel® Smart Cache	✓
Processor lithography	32 nm	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor operating modes	64-bit	Intel Trusted Execution Technology	✗
Processor series	Intel Core i5-2400 Mobile Series	Intel Enhanced Halt State	✓
Processor codename	Sandy Bridge	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	DMI	Intel Demand Based Switching	✗
FSB Parity	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Stepping	J1	Intel 64	✓
Thermal Design Power (TDP)	35 W	Execute Disable Bit	✓
Tjunction	100 °C	Idle States	✓
Maximum number of PCI Express lanes	16	Thermal Monitoring Technologies	✓
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		

Storage		Processor special features	
Total storage capacity *	500 GB	Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Storage media *	HDD	Supported instruction sets	AVX
Number of HDDs installed	1	Processor code	SR04Z
HDD capacity	500 GB	CPU configuration (max)	1
HDD size	2.5"	Embedded options available	✗
Optical drive type *	✗	Graphics & IMC lithography	32 nm
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Graphics		Intel Identity Protection Technology version	1.00
Discrete graphics card model *	Not available	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel Dual Display Capable Technology	✓
Discrete graphics card *	✗	Intel FDI Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics card model *	Intel® HD Graphics 3000	Intel Fast Memory Access	✓
On-board graphics card base frequency	650 MHz	Processor ARK ID	53452
On-board graphics card dynamic frequency (max)	1300 MHz	Conflict-Free processor	✗
On-board graphics card ID	0x116	Integrated 4G WiMAX	✓
Audio		Battery	
Audio system	HD	Battery life (max)	9.5 h
Built-in speaker(s)	✓	Power	
Number of built-in speakers	2	DC-in jack	✓
Built-in microphone	✓	Security	
Network		Cable lock slot	✗
Wi-Fi	✓	Sustainability	
Networking features	Gigabit Ethernet	Sustainability certificates	ENERGY STAR
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN	✓	Width	329.3 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	237.7 mm
Bluetooth	✓	Height (front)	1.6 cm
Bluetooth version	3.0+HS	Height (rear)	2.1 cm
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u	Width (imperial)	32.9 cm (13")
Ports & interfaces		Depth (imperial)	23.8 cm (9.36")
USB 2.0 ports quantity *	1	Height (front) (imperial)	1.6 cm (0.63")
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height (rear) (imperial)	2.11 cm (0.83")
Ethernet LAN (RJ-45) ports	1	Weight *	1.83 kg
HDMI ports quantity *	1	Packaging content	
DVI port	✗	AC adapter included *	✓
VGA (D-Sub) ports quantity	1	Cables included	AC
Headphone outputs	1	Manual	✓
S/PDIF out port	✗	Quick start guide	✓
Microphone in	✓	Other features	
ExpressCard slot	✗	LightScribe	✗
CardBus PCMCIA slot type	✗	Infrared data port	✗
SmartCard slot	✗		
Performance			
Motherboard chipset	Intel HM67 Express		

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