DELL Vostro V130 Intel® Core™ i5 i5-470UM 33,8 cm (13.3") 4 GB DDR3-SDRAM 320 GB Intel® HD Graphics Windows 7 Professional Black

Brand : DELL

Product code: V130-M111BE

Product name : Vostro V130

Vostro V130 - Intel Core i5-470UM (1.33GHz), 4GB DDR3, 320GB 7200RPM HDD, 13.3i HD WLED 1366x768, Intel GMA-HD, WLAN 802.11b/g/n, Bluetooth 3.0, Windows 7 Professional 64bit, AZERTY DELL Vostro V130. Processor family: Intel® Core™ i5, Processor model: i5-470UM, Processor frequency: 1,33 GHz. Display diagonal: 33,8 cm (13.3"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 320 GB. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: Intel® HD Graphics. Operating system installed: Windows 7 Professional. Product colour: Black. Weight: 1,59 kg

Design

Product colour *	Black

Display

Display diagonal *	33,8 cm (13.3")
Display resolution *	1366 x 768 pixels
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	4th gen Intel® Core™ i5
Processor model *	i5-470UM
Processor cores	2
Processor threads	4
Processor boost frequency	1,86 GHz
Processor frequency *	1,33 GHz
System bus rate	2,5 GT/s
Processor cache	3 MB
Processor cache type	L3
Processor socket	BGA 1288
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-400 Series
Processor codename	Arrandale
Bus type	DMI
Stepping	K0
Thermal Design Power (TDP)	18 W
Tjunction	105 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16
Number of Processing Die Transistors	382 M
Processing Die size	81 mm²
CPU multiplier (bus/core ratio)	10
ECC supported by processor	✖

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1333 MHz

Ports & interfaces

ExpressCard slot	✖
CardBus PCMCIA slot type	✖
SmartCard slot	✖
TV-out	✖

Performance

Motherboard chipset	Intel® HM57 Express

Keyboard

Pointing device	Touchpad
Keyboard layout	AZERTY

Software

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

Processor special features

Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	1.0
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear 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® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	BGA 34 x 28
Supported instruction sets	SSE4.1, SSE4.2
Processor code	SLBXP

Memory

Memory layout (slots x size)	2 x 2 GB

Storage

Total storage capacity *	320 GB
Number of hard drives installed	1
Hard drive interface	SATA
Hard drive speed	7200 RPM
Optical drive type *	✘
Card reader integrated	✔

Graphics

Discrete graphics card model *	Intel® HD Graphics
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	166 MHz
On-board graphics card dynamic frequency (max)	500 MHz

Audio

Number of built-in speakers	1

Network

Wi-Fi	✔
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Bluetooth	✔
Bluetooth version	3.0+HS
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces

USB 2.0 ports quantity *	2
eSATA/USB 2.0 ports quantity	1
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	✔
Docking connector	✘

Processor special features

Physical Address Extension (PAE)	✔
Physical Address Extension (PAE)	36 bit
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	45 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Fast Memory Access	✔
Processor ARK ID	50026
Conflict-Free processor	✘

Battery

Number of battery cells	6

Power

DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	330 mm
Depth	230 mm
Height (front)	1,65 cm
Height (rear)	1,97 cm
Weight *	1,59 kg

Packaging content

AC adapter included *	✔

Other features

Infrared data port	✘
Graphics card family	Intel
Power supply type	AC/DC
Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

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