



DELL Vostro 14 Intel® Core™ i3 i3-6100U Laptop 35,6 cm (14") HD 4 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 930M Linux Black, Silver

Brand : DELL

Product family: Vostro

Product code:
MONET14SKL1703_007_UBU

Product name : 14

Intel Core i3-6100U (3M Cache, 2.30 GHz), 4GB DDR3L 1600MHz , 500GB SATA HDD, 14" LED HD 1366 x 768, nVidia GeForce 930M 2GB, Gigabit LAN, WLAN, Bluetooth, WebCam, Linux
DELL Vostro 14. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-6100U, Processor frequency: 2,3 GHz. Display diagonal: 35,6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Linux. Product colour: Black, Silver



Design		Keyboard	
Product type *	Laptop	Numeric keypad *	✗
Product colour *	Black, Silver	Full-size keyboard	✓
Form factor *	Clamshell	Windows keys	✓
Display		Software	
Display diagonal *	35,6 cm (14")	Drivers included	✓
Display resolution *	1366 x 768 pixels	Operating system installed *	Linux
Touchscreen *	✗	Processor special features	
HD type	HD	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Display surface	Gloss	Intel® Identity Protection Technology (Intel® IPT)	✓
Display brightness	200 cd/m²	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Pixel pitch	0,2265 x 0,2265 mm	Intel® Turbo Boost Technology	✗
Processor		Intel® Small Business Advantage (Intel® SBA)	✓
Processor manufacturer *	Intel	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Core™ i3	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor generation	6th gen Intel® Core™ i3	Intel Clear Video Technology	✓
Processor model *	i3-6100U	Intel® InTru™ 3D Technology	✓
Processor cores	2	Intel® Insider™	✓
Processor threads	4	Intel® Quick Sync Video Technology	✓
Processor frequency *	2,3 GHz	Intel Flex Memory Access	✓
System bus rate	4 GT/s		
Processor cache	3 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1356		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i3-6100 series		

Processor		Processor special features	
Processor codename	Skylake	Intel® Smart Cache	✓
Bus type	QPI	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	D1	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	15 W	Intel Enhanced Halt State	✓
Configurable TDP-down	7,5 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down frequency	0,8 GHz	Intel® Secure Key	✓
Tjunction	100 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12	Intel Stable Image Platform Program (SIPP)	✗
PCI Express slots version	3.0	Intel® OS Guard	✓
PCI Express configurations	1x4, 4x1	Intel Software Guard Extensions (Intel SGX)	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory		Intel 64	✓
Internal memory *	4 GB	Execute Disable Bit	✓
Internal memory type	DDR3L-SDRAM	Idle States	✓
Memory clock speed	1600 MHz	Thermal Monitoring Technologies	✓
Memory form factor	SO-DIMM	Processor package size	42 X 24 mm
Memory layout (slots x size)	1 x 4 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Memory slots	1x SO-DIMM	Processor code	SR2EU
Maximum internal memory *	8 GB	CPU configuration (max)	1
Storage		Embedded options available	✓
Total storage capacity *	500 GB	Graphics & IMC lithography	14 nm
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of HDDs installed	1	Intel Identity Protection Technology version	1,00
HDD capacity	500 GB	Intel Smart Response Technology version	1,00
HDD interface	SATA III	Intel Stable Image Platform Program (SIPP) version	0,00
HDD speed	5400 RPM	Intel Secure Key Technology version	1,00
Optical drive type *	✗	Intel Small Business Advantage (SBA) version	1,00
Card reader integrated	✓	Intel TSX-NI version	1,00
Compatible memory cards	SD	Intel Virtualization Technology (VT-x)	✓
Graphics		Processor ARK ID	88180
Discrete graphics card model *	NVIDIA® GeForce® 930M	Conflict-Free processor	✓
Discrete graphics card memory	2 GB	Battery	
Discrete graphics memory type	GDDR3	Number of battery cells	3
On-board graphics card *	✓	Battery capacity *	43 Wh
Discrete graphics card *	✓	Battery voltage	11,4 V
On-board graphics card family	Intel® HD Graphics	Battery life (max)	10,5 h
On-board graphics card model *	Intel® HD Graphics 520	Battery recharge time	3 h
On-board graphics card base frequency	300 MHz	Power	
On-board graphics card dynamic frequency (max)	1000 MHz	AC adapter frequency	50 - 60 Hz
Maximum on-board graphics card memory	1,74 GB	AC adapter input voltage	100 - 240 V
On-board graphics card DirectX version	12.0	AC adapter output voltage	19.5 V
On-board graphics card OpenGL version	4.4	DC-in jack	✓
On-board graphics card ID	1916	Security	
NVIDIA G-SYNC	✗	Cable lock slot	✓
NVIDIA GameWorks VR	✗	Password protection	✓
CUDA	✓	Password protection type	BIOS, HDD, Supervisor, User
NVIDIA 3D Vision	✗	Audio	
NVIDIA 3D Vision 2	✗	Audio system	MaxxAudio Pro
Audio		Number of built-in speakers	2
Audio system	MaxxAudio Pro	Speaker power	2 W
Number of built-in speakers	2		
Speaker power	2 W		

Camera		Operational conditions	
Front camera	✓	Operating temperature (T-T)	0 - 35 °C
Front camera resolution (numeric)	0,92 MP	Storage temperature (T-T)	-20 - 60 °C
Front camera resolution	1280 x 720 pixels	Operating relative humidity (H-H)	20 - 90%
Video capturing speed	30 fps	Storage relative humidity (H-H)	20 - 95%
Network		Operating altitude	-15,2 - 3048 m
Wi-Fi	✓	Non-operating altitude	-15,2 - 10668 m
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Ethernet LAN	✓	Width	337,6 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	233,5 mm
Bluetooth	✓	Height	18,3 mm
Bluetooth version	4.0	Weight *	1,53 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	AC adapter included *	✓
Ethernet LAN (RJ-45) ports	1	Manual	✓
HDMI ports quantity *	1	Quick start guide	✓
DVI port	✗	Warranty card	✓
S/PDIF out port	✗	Power cord included	✓
Microphone in	✗	Other features	
Combo headphone/mic port	✓	LightScribe	✗
USB Sleep-and-Charge	✓	3D	✗
USB Sleep-and-Charge ports	1	Maximum internal memory (64-bit)	8 GB
Keyboard			
Pointing device	Touchpad		

Catalog Object Cloud



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