



## DELL Vostro 15 Intel® Core™ i3 i3-7100U Laptop 39.6 cm (15.6") HD 4 GB DDR4-SDRAM 500 GB HDD Windows 10 Home Black, Gold

Brand : DELL

Product family: Vostro

Product code: 5568-2914

Product name : 15

Intel Core i3-7100U (3MB Cache, 2.4 GHz), 4GB DDR4, 500GB SATA HDD, 39.624 cm (15.6 ") LED HD 1366 x 768, nVIDIA GeForce 940MX 2GB GDDR5, Gigabit LAN, WLAN, Bluetooth, Windows 10 Home 64-bit

DELL Vostro 15. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor: i3-7100U, Processor frequency: 2.4 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 620. Operating system installed: Windows 10 Home. Product colour: Black, Gold



Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black, Gold	Drivers included	✓
Form factor *	Clamshell	Operating system installed *	Windows 10 Home
Display		Processor special features	
Display diagonal *	39.6 cm (15.6")	Intel Wireless Display (WiDi) Technology	✓
Display resolution *	1366 x 768 pixels	Intel My WiFi Technology	✓
Touchscreen *	✗	Intel® Smart Response Technology	✓
HD type	HD	Intel Identity Protection Technology	✓
LED backlight	✓	Intel Hyper-Threading Technology	✓
Native aspect ratio	16:9	Intel Turbo Boost Technology	✗
Pixel pitch	0.1875 x 0.1875 mm	Intel® Small Business Advantage (Intel® SBA)	✓
Dual-screen	✗	Enhanced Intel SpeedStep Technology	✓
Processor		Intel Clear Video HD Technology	✓
Processor manufacturer *	Intel	Intel Clear Video Technology	✓
Processor family *	Intel® Core™ i3	Intel® InTru™ 3D Technology	✓
Processor generation	7th gen Intel® Core™ i3	Intel® Insider™	✓
Processor *	i3-7100U	Intel® Quick Sync Video Technology	✓
Processor number of cores	2	Intel Flex Memory Access	✓
Processor threads	4	Intel AES New Instructions	✓
Processor frequency *	2.4 GHz	Intel Trusted Execution Technology	✗
System bus data transfer rate	4 GT/s	Intel Enhanced Halt State	✓
Processor cache	3 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache type	Smart Cache	Intel® Secure Key	✓
Processor socket	BGA 1356	Intel TSX-NI	✗
Processor lithography	14 nm	Intel Stable Image Platform Program (SIPP)	✗
Processor operating modes	64-bit	Intel® OS Guard	✓
Processor codename	Kaby Lake	Intel Software Guard Extensions (Intel SGX)	✓
Bus type	OPI	Intel Clear Video Technology for MID	✓
Stepping	H0	Intel 64	✓
Thermal Design Power (TDP)	15 W		
Configurable TDP-down	7.5 W		
Configurable TDP-down frequency	0.8 GHz		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		
PCI Express slots version	3.0		

Processor		Processor special features	
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	4 GB	Processor package size	42 x 24 mm
Internal memory type	DDR4-SDRAM	Supported instruction sets	AVX 2.0, SSE4.2
Memory form factor	SO-DIMM	Processor code	SR2ZW
Memory slots	2x SO-DIMM	CPU configuration (max)	1
Memory, maximum *	32 GB	Embedded options available	✓
Storage		Graphics & IMC lithography	14 nm
Total storage capacity *	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	HDD	Intel Identity Protection Technology version	1.00
Number of HDDs installed	1	Intel Smart Response Technology version	1.00
Hard drive capacity	500 GB	Intel Stable Image Platform Program (SIPP) version	0.00
Hard drive rotational speed	5400 RPM	Intel Secure Key Technology version	1.00
Hard drive size	2.5"	Intel TSX-NI version	0.00
Optical drive *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Processor ARK ID	95442
Compatible memory cards	SD	Conflict-Free processor	✓
Graphics		Battery	
Discrete graphics card model *	Not available	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card *	✓	Number of battery cells	3
Discrete graphics card *	✗	Battery capacity *	42 Wh
On-board graphics card family	Intel® HD Graphics	Battery voltage	14.8 V
On-board graphics card model *	Intel® HD Graphics 620	Power	
On-board graphics card base frequency	300 MHz	AC adapter frequency	50 - 60 Hz
On-board graphics card dynamic frequency (max)	1000 MHz	AC adapter input voltage	100 - 240 V
Maximum on-board graphics card memory	32 GB	AC adapter output voltage	19.5 V
On-board graphics card DirectX version	12.0	DC-in jack	✓
On-board graphics card OpenGL version	4.4	Security	
On-board graphics card ID	0x5916	Cable lock slot	✓
Audio		Cable lock slot type	Kensington
Audio chip	Realtek ALC3246	Password protection	✓
Audio system	MaxxAudio Pro	Operational conditions	
Number of built-in speakers	2	Operating temperature (T-T)	0 - 35 °C
Speakers manufacturer	Waves	Storage temperature (T-T)	-40 - 65 °C
Speaker power	2 W	Operating relative humidity (H-H)	10 - 90%
Built-in microphone	✓	Storage humidity	0 - 95%
Camera		Operating altitude	-15.2 - 3048 m
Front camera	✓	Storage altitude	-15.2 - 10668 m
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Ethernet LAN connection	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width	380 mm
Bluetooth	✓	Depth	252.5 mm
Ports & interfaces		Height	19.2 mm
USB 2.0 ports quantity *	1	Weight *	1.98 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
HDMI ports quantity *	1	Manual	✓
DVI port	✗	Warranty card	✓
VGA (D-Sub) ports quantity	1	Power cord included	✓

Ports & interfaces		Other features	
Combo headphone/mic port	✓	Maximum internal memory (64-bit)	32 GB
Docking connector	✓		
USB Sleep-and-Charge	✓		
USB Sleep-and-Charge ports	1		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		
Full-size keyboard	✓		
Windows keys	✓		

## Catalog Object Cloud



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