



DELL Vostro 3591 Intel® Core™ i3 i3-1005G1 Laptop 39,6 cm (15.6") Full HD 4 GB DDR4-SDRAM 1 TB HDD Wi-Fi 5 (802.11ac) Windows 10 Pro Black

Brand : DELL

Product family: Vostro

Product code:
N601ZVN3591EMEA01_2101

Product name : 3591

DELL Vostro 3591. Product type: Laptop, Form factor: Clamshell. Processor type: Intel® Core™ i3, Processor: i3-1005G1, Processor frequency: 1,2 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drives: DVD-RW. Operating system software: Windows 10 Pro. Product colour: Black



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Product colour *	Black	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Form factor *	Clamshell	Mobile network connection *	✗
Display		WLAN controller model	Dell Wireless 1810
Display diagonal *	39,6 cm (15.6")	WLAN controller manufacturer	DELL
Display resolution *	1920 x 1080 pixels	Ethernet LAN connection	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD	Bluetooth	✓
Native aspect ratio	16:9	Bluetooth version	4.2
Anti-glare screen	✓	Ports & interfaces	
Processor		USB 2.0 ports quantity *	1
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor type *	Intel® Core™ i3	Ethernet LAN (RJ-45) ports	1
Processor generation	10th gen Intel® Core™ i3	HDMI ports quantity *	1
Processor *	i3-1005G1	Combo headphone/mic port	✓
Processor number of cores	2	Keyboard	
Processor threads	4	Pointing device	Touchpad
Processor boost frequency	3,4 GHz	Numeric keypad *	✓
Processor frequency *	1,2 GHz	Full-size keyboard	✓
System bus data transfer rate	4 GT/s	Software	
Processor cache	4 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system language	Multilingual
Processor socket	BGA 1526	Trial software	McAfee 30 days, Microsoft Office
Processor lithography	10 nm	Operating system software *	Windows 10 Pro
Processor operating modes	64-bit		
Thermal Design Power (TDP)	15 W		
Configurable TDP-down	13 W		
Configurable TDP-down frequency	0,9 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel Hyper-Threading Technology	✓
PCI Express slots version	3.0	Intel Turbo Boost Technology	2.0
Memory		Intel® Quick Sync Video Technology	✓
Internal memory *	4 GB	Intel AES New Instructions	✓
Internal memory type	DDR4-SDRAM	Intel Trusted Execution Technology	✗
Memory speed	2666 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory form factor	SO-DIMM	Intel® Secure Key	✓
Memory layout (slots x size)	1 x 4 GB	Intel TSX-NI	✗
Memory slots	2x SO-DIMM	Intel Stable Image Platform Program (SIPP)	✗
Maximum memory *	16 GB	Intel® OS Guard	✓
Storage		Intel Software Guard Extensions (Intel SGX)	✓
Total storage capacity *	1 TB	Intel 64	✓
Storage media *	HDD	Execute Disable Bit	✓
Total HDDs capacity	1 TB	Idle States	✓
Number of HDDs installed	1	Thermal Monitoring Technologies	✓
Hard drive capacity	1 TB	Processor package size	50 x 25 mm
Hard drive interface	SATA	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0, AVX-512
Hard drive rotational speed	5400 RPM	CPU configuration (max)	1
Hard drive size	2.5"	Embedded options available	✗
Optical drives *	DVD-RW	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	SD	Processor ARK ID	196588
Graphics		Battery	
Discrete graphics card model *	Not available	Number of battery cells	3
On-board graphics card *	✓	Battery capacity *	42 Wh
On-board GPU manufacturer	Intel	Battery voltage	11,4 V
Discrete graphics card *	✗	Battery weight	200 g
On-board graphics card model *	Intel® UHD Graphics	Power	
On-board graphics card base frequency	300 MHz	AC adapter power	45 W
On-board graphics card dynamic frequency (max)	900 MHz	AC adapter frequency	50 - 60 Hz
On-board graphics card DirectX version	12.0	AC adapter input voltage	100 - 240 V
On-board graphics card OpenGL version	4.5	AC adapter output current	2,31 A
On-board graphics card ID	0x8A56	AC adapter output voltage	19.5 V
Audio		DC-in jack	✓
Audio chip	Realtek ALC3204	Security	
Number of built-in speakers	2	Fingerprint reader	✓
Speaker power	2 W	Password protection	✓
Built-in microphone	✓	Weight & dimensions	
Camera		Width	380 mm
Front camera	✓	Depth	258 mm
Front camera resolution (numeric)	0,92 MP	Height (front)	1,99 cm
Front camera resolution	1280 x 720 pixels	Height (rear)	2,27 cm
Front camera HD type	HD	Weight *	2,15 kg
Video capturing speed	30 fps	Packaging content	
		Cables included	AC

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