DELL

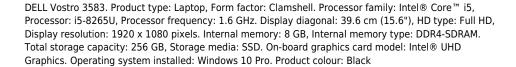# DELL Vostro 3583 Intel® Core™ i5 i5-8265U Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Black

Brand : DELL   **Product family:** Vostro   **Product code:** 3583-3628

Product name : 3583

DELL Vostro 3583. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-8265U, Processor frequency: 1.6 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Pro. Product colour: Black

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt
Display brightness	300 cd/m²
Dual-screen	✘
Maximum refresh rate	60 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	8th gen Intel® Core™ i5
Processor *	i5-8265U
Processor number of cores	4
Processor threads	8
Processor boost frequency	3.9 GHz
Processor frequency *	1.6 GHz
System bus data transfer rate	4 GT/s
Processor cache	6 MB
Processor cache type	Smart Cache
Processor socket	BGA 1528
Processor lithography	14 nm

Ports & interfaces

Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	1.4b
Combo headphone/mic port	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Windows keys	✔

Software

Operating system architecture	64-bit
Operating system language	Multilingual
Trial software	McAfee, Microsoft Office
Operating system installed *	Windows 10 Pro

Processor special features

Intel My WiFi Technology	✔
Intel® Smart Response Technology	✔
Intel Identity Protection Technology	✔
Intel Hyper-Threading Technology	✔
Intel Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel AES New Instructions	✔

Processor

Processor operating modes	64-bit
Processor codename	Whiskey Lake
Bus type	OPI
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	1.8 GHz
Configurable TDP-up	25 W
Configurable TDP-down	10 W
Configurable TDP-down frequency	0.8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	3.0
PCI Express configurations	1x4, 2x2
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2666 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x SO-DIMM
Memory, maximum *	16 GB

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Hard drive interface	SATA
Total SSDs capacity	256 GB
Number of SSDs installed	1
Solid-state drive capacity	256 GB
Solid-state drive interfaces	PCI Express
SSD form factor	M.2
Optical drive *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Maximum on-board graphics card memory	32 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.5
On-board graphics card ID	0x3EA0

Audio

Audio chip	Realtek ALC3204
Audio system	MaxxAudio Pro
Number of built-in speakers	2
Speakers manufacturer	Waves
Speaker power	2 W
Built-in microphone	✔
Number of microphones	1

Processor special features

Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✘
Intel Stable Image Platform Program (SIPP)	✘
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel Clear Video Technology for MID	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	46x24 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Secure Key Technology version	1.00
Intel TSX-NI version	0.00
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	149088

Battery

Number of battery cells	3
Battery capacity *	42 Wh
Battery voltage	11.4 V
Battery recharge time	4 h
Battery weight	200 g

Power

AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	2.31 A
AC adapter output voltage	19.5 V
DC-in jack	✔

Security

Cable lock slot	✔
Password protection	✔

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage humidity	0 - 95%
Operating altitude	0 - 3048 m
Storage altitude	0 - 10668 m
Operating shock	140 G
Non-operating shock	160 G

Camera

Front camera	✔
Front camera resolution (numeric)	0.92 MP
Front camera resolution	1280 x 720 pixels
Front camera signal format	720p
Front camera HD type	HD
Video capturing speed	30 fps

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
WLAN controller model	Dell Wireless 1810
Ethernet LAN connection	✔
Bluetooth	✔

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2

Operational conditions

Operating vibration	0.66 G
Non-operating vibration	1.3 G

Weight & dimensions

Width	380 mm
Depth	258 mm
Height (front)	1.99 cm
Height (rear)	2 cm
Weight *	2 kg

Packaging content

AC adapter included *	✔
Manual	✔
Power cord included	✔

Other features

Maximum internal memory (64-bit)	16 GB

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