



DELL Vostro 7580 Intel® Core™ i7 i7-8750H Laptop 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® GTX 1060 Wi-Fi 5 (802.11ac) Windows 10 Pro Tschechisch, Slowakisch Silber



Marke : DELL

Produktfamilie: Vostro

Artikel-Code: 7580-3886

Produktname : 7580

DELL Vostro 7580. Produkttyp: Laptop, Formfaktor: Klappgehäuse. Prozessorfamilie: Intel® Core™ i7, Prozessor: i7-8750H, Prozessor-Taktfrequenz: 2,2 GHz. Bildschirmdiagonale: 39,6 cm (15.6"), HD-Typ: Full HD, Bildschirmauflösung: 1920 x 1080 Pixel. RAM-Speicher: 8 GB, Interner Speichertyp: DDR4-SDRAM. Gesamtspeicherkapazität: 1,13 TB, Speichermedien: HDD+SSD. On-board Grafik Modell: Intel® UHD Graphics 630. Vorinstalliertes Betriebssystem: Windows 10 Pro. Produktfarbe: Silber

Design		Ports & interfaces	
Colour name	Platinum Silver	VGA (D-Sub) ports quantity	1
Product type *	Laptop	Thunderbolt 3 ports quantity	1
Product colour *	Silver	Combo headphone/mic port	✓
Form factor *	Clamshell	USB Type-C DisplayPort Alternate Mode	✓
Market positioning	Business	PowerShare	✓
Display		Number of USB ports with PowerShare support	1
Display diagonal *	39.6 cm (15.6")	Keyboard	
Display resolution *	1920 x 1080 pixels	Pointing device	Touchpad
Touchscreen *	✗	Numeric keypad *	✓
HD type	Full HD	Keyboard backlit	✓
LED backlight	✓	Spill-resistant keyboard	✓
Native aspect ratio	16:9	Full-size keyboard	✓
Display surface	Matt	Windows keys	✓
Display brightness	220 cd/m²	Keyboard language	Czech, Slovakian
Pixel pitch	0.179 x 0.179 mm	Software	
Pixel density	142 ppi	Operating system architecture	64-bit
Dual-screen	✗	Drivers included	✓
Contrast ratio (typical)	400:1	Trial software	Microsoft Office, McAfee
Processor		Operating system installed *	Windows 10 Pro
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	8th gen Intel® Core™ i7	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor model *	i7-8750H	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	6	Intel® Turbo Boost Technology	2.0
Processor threads	12	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	4.1 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2.2 GHz	Intel Clear Video Technology	✓
System bus rate	8 GT/s		
Processor cache	9 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1440		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Coffee Lake		

Processor		Processor special features	
Bus type	DMI	Intel® InTru™ 3D Technology	✓
Stepping	U0	Intel® Quick Sync Video Technology	✓
Thermal Design Power (TDP)	45 W	Intel Flex Memory Access	✓
Configurable TDP-down	35 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down frequency	1.7 GHz	Intel Trusted Execution Technology	✗
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel TSX-NI	✗
ECC supported by processor	✗	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® OS Guard	✓
Internal memory *	8 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory clock speed	2666 MHz	Intel 64	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory layout (slots x size)	1 x 8 GB	Idle States	✓
Memory slots	2x SO-DIMM	Thermal Monitoring Technologies	✓
Maximum internal memory *	32 GB	Processor package size	42 x 28 mm
Storage		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total storage capacity *	1.13 TB	Processor code	SR3YY
Storage media *	HDD+SSD	CPU configuration (max)	1
Number of HDDs installed	1	Embedded options available	✗
HDD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD interface	SATA	Intel Identity Protection Technology version	1.00
HDD speed	5400 RPM	Intel Stable Image Platform Program (SIPP) version	0.00
HDD size	2.5"	Intel Secure Key Technology version	1.00
Number of SSDs installed	1	Intel TSX-NI version	0.00
SSD capacity	128 GB	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Processor ARK ID	134906
Card reader integrated	✓	Battery	
Compatible memory cards	SD	Battery technology	Lithium Polymer (LiPo)
Graphics		Number of battery cells	4
Discrete graphics card model *	NVIDIA® GeForce® GTX 1060	Battery capacity *	56 Wh
Discrete graphics card memory	6 GB	Battery voltage	15.2 V
Discrete graphics memory type	GDDR5	Power	
On-board graphics card *	✓	AC adapter power	180 W
Discrete graphics card *	✓	AC adapter frequency	50 - 60 Hz
On-board graphics card family	Intel® UHD Graphics	AC adapter input voltage	100 - 240 V
On-board graphics card model *	Intel® UHD Graphics 630	DC-in jack	✓
On-board graphics card base frequency	350 MHz	Security	
On-board graphics card dynamic frequency (max)	1100 MHz	Cable lock slot	✓
Maximum on-board graphics card memory	64 GB	Cable lock slot type	Noble
On-board graphics card DirectX version	12.0	Fingerprint reader	✓
On-board graphics card OpenGL version	4.5	Password protection	✓
On-board graphics card ID	0x3E9B	Operational conditions	
Number of discrete graphics cards installed	1	Operating temperature (T-T)	10 - 35 °C
Audio		Storage temperature (T-T)	-40 - 65 °C
Number of built-in speakers	2	Storage relative humidity (H-H)	20 - 80%
Speaker power	2 W	Operating altitude	-15.2 - 3048 m
Built-in microphone	✓		
Camera			
Front camera	✓		

Camera		Operational conditions	
Front camera resolution (numeric)	0.92 MP	Non-operating altitude	-15.2 - 10668 m
Front camera resolution	1280 x 720 pixels	Operating shock	40 G
Front camera signal format	720p	Non-operating shock	105 G
Front camera HD type	HD	Certificates	
Video capturing speed	30 fps	Certification	UL/FCC
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	EPEAT Silver, ENERGY STAR
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	389 mm
Wi-Fi data rate (max)	433 Mbit/s	Depth	270 mm
Antenna type	1x1	Height (front)	2.4 cm
WLAN controller model	Intel Dual Band Wireless-AC 9462	Height (rear)	2.5 cm
Ethernet LAN	✓	Weight *	2.83 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Packaging content	
Bluetooth	✓	AC adapter included *	✓
Bluetooth version	5.0	Manual	✓
Ports & interfaces		Power cord included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Other features	
Ethernet LAN (RJ-45) ports	1	Maximum internal memory (64-bit)	32 GB
HDMI ports quantity *	1	Memory upgrade note	Additional memory sold separately
HDMI version	2.0	On/off button	✓



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