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Acer Aspire V Nitro VN7-593G-71G6 Intel® Core™ i7 i7-7700HQ Computer portatile 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1,26 TB HDD+SSD NVIDIA® GeForce® GTX 1060 Wi-Fi 5 (802.11ac) Windows 10 Home Nero, Argento

Marchio : Acer   **Famiglia del prodotto:** Aspire   **Codice prodotto:**
NH.Q23ET.003

Nome del prodotto :
VN7-593G-71G6

Windows 10 Home, Intel Core i7-7700HQ 2.80 GHz, 16 GB DDR4 SDRAM, 1 TB HDD + 256 GB SSD, 15.6"
1920 x 1080, NVIDIA GeForce GTX 1060, 4-cell 4605 mAh Li-ion, 2.6 kg
Acer Aspire V Nitro VN7-593G-71G6. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell.
Famiglia processore: Intel® Core™ i7, Modello del processore: i7-7700HQ, Frequenza del processore: 2,8
GHz. Dimensioni diagonale schermo: 39,6 cm (15.6"), Tipologia HD: Full HD, Risoluzione del display:
1920 x 1080 Pixel. RAM installata: 16 GB, Tipo di RAM: DDR4-SDRAM. Capacità totale di archiviazione:
1,26 TB, Supporto di memoria: HDD+SSD. Modello scheda grafica integrata: Intel® HD Graphics 630.
Sistema operativo incluso: Windows 10 Home. Colore del prodotto: Nero, Argento

Design

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

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	7th gen Intel® Core™ i7
Processor model *	i7-7700HQ
Processor cores	4
Processor threads	8
Processor boost frequency	3.8 GHz
Processor frequency *	2.8 GHz
System bus rate	8 GT/s
Processor cache	6 MB
Processor cache type	Smart Cache
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-7700 Mobile Series
Processor codename	Kaby Lake
Bus type	DMI3
Thermal Design Power (TDP)	45 W
Configurable TDP-down	35 W
Tjunction	100 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	3.0
PCI Express configurations	1x16, 1x8, 2x4, 2x8
ECC supported by processor	✘

Ports & interfaces

HDMI ports quantity *	1
DVI port	✘
Combo headphone/mic port	✔

Performance

Motherboard chipset	Intel® HM175

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Windows keys	✔

Software

Operating system installed *	Windows 10 Home

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2400 MHz
Maximum internal memory *	32 GB

Storage

Total storage capacity *	1.26 TB
Storage media *	HDD+SSD
Number of HDDs installed	1
HDD capacity	1 TB
Number of SSDs installed	1
SSD capacity	256 GB

Graphics

Discrete graphics card model *	NVIDIA® GeForce® GTX 1060
Discrete graphics card memory	6 GB
Discrete graphics memory type	GDDR5
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 630
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Maximum on-board graphics card memory	64 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x591B
Graphics card Open GL support	✔
NVIDIA G-SYNC	✔
NVIDIA GameWorks VR	✔
CUDA	✔
CUDA cores	1280

Audio

Number of built-in speakers	4
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports	1

Processor special features

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 Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 x 28 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	14 nm
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 Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	0.00
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	97185
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity	4605 mAh

Power

AC adapter power	180 W
DC-in jack	✔

Weight & dimensions

Width	391 mm
Depth	266 mm
Height	24.9 mm
Height (front)	2.25 cm
Height (rear)	2.49 cm
Weight *	1.6 kg

Packaging content

AC adapter included *	✔
Manual	✔
Power cord included	✔