



## Acer Aspire V Nitro VN7-571G-56NX i5-4210U Notebook 39.6 cm (15.6") Intel® Core™ i5 4 GB DDR3L-SDRAM 128 GB SSD NVIDIA® GeForce® 840M Wi-Fi 4 (802.11n) Windows 8.1 Black



**Brand :** Acer

**Product family:** Aspire

**Product code:** NX.MQKEG.012

**Product name :**  
VN7-571G-56NX

Intel Core i5-4210U (1.7/2.7GHz), 4GB DDR3L, 128GB SSD, DVD-RW, 15.6" LED HD, 1366 x 768, NVIDIA GeForce 840M (2GB), 802.11a/b/g/n, Gigabit LAN, Windows 8.1 (64-bit)

Acer Aspire V Nitro VN7-571G-56NX. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-4210U, Processor frequency: 1.7 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 128 GB, Storage media: SSD, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8.1. Product colour: Black



Design		Ports & interfaces	
Product type *	Notebook	Total number of SATA connectors	4
Product colour *	Black	Number of SATA III connectors	4
Form factor *	Clamshell	<b>Keyboard</b>	
<b>Display</b>		Pointing device	Touchpad
Display diagonal *	39.6 cm (15.6")	Numeric keypad *	✓
Display resolution *	1366 x 768 pixels	Full-size keyboard	✓
Touch screen *	✗	<b>Software</b>	
LED backlight	✓	Operating system architecture	64-bit
Native aspect ratio	16:9	Operating system installed *	Windows 8.1
<b>Processor</b>		<b>Processor special features</b>	
Processor manufacturer *	Intel	Intel Wireless Display (WiDi) Technology	✓
Processor generation	4th gen Intel® Core™ i5	Intel My WiFi Technology	✗
Processor family *	Intel® Core™ i5	Intel Smart Connect Technology	✓
Processor *	i5-4210U	Intel Anti-Theft Technology	✓
Processor frequency *	1.7 GHz	Intel Identity Protection Technology	✓
Processor boost frequency	2.7 GHz	Intel Hyper-Threading Technology	✓
Processor threads	4	Intel Turbo Boost Technology	2.0
System bus data transfer rate	5 GT/s	Intel Matrix Storage Technology	✗
Processor number of cores	2	Intel HD Audio Technology	✓
Processor cache	3 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel Clear Video HD Technology	✓
Processor socket	BGA 1168	Intel Clear Video Technology	✗
Processor lithography	22 nm	Intel® InTru™ 3D Technology	✓
Processor operating modes	64-bit	Intel® Insider™	✓
Processor series	Intel Core i5-4200 Mobile series	Intel® Quick Sync Video Technology	✓
Processor codename	Haswell	Intel Flex Memory Access	✗
Bus type	DMI2	Intel® Smart Cache	✓
FSB Parity	✗	Intel AES New Instructions	✓
Stepping	D0	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	15 W	Intel Enhanced Halt State	✓
Tjunction	100 °C	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum number of PCI Express lanes	12	Intel Demand Based Switching	✗
PCI Express slots version	2.0		
PCI Express configurations	4x1, 2x4		

Processor		Processor special features	
ECC supported by processor	✗	Intel® Secure Key	✓
<b>Memory</b>		Intel TSX-NI	✗
Internal memory *	4 GB	Intel Clear Video Technology for MID	✗
Internal memory type	DDR3L-SDRAM	Intel 64	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory slots	2x SO-DIMM	Idle States	✓
Maximum internal memory *	16 GB	Thermal Monitoring Technologies	✓
<b>Storage</b>		Processor package size	40 x 24 x 1.5 mm
Total storage capacity *	128 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	SSD	Processor code	SR1EF
Number of SSDs installed	1	CPU configuration (max)	1
Solid-state drive capacity	128 GB	Embedded options available	✗
Optical drive type *	DVD-RW	UART	✓
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Compatible memory cards	SD	Intel Smart Connect Technology version	1.00
<b>Graphics</b>		Intel Identity Protection Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® 840M	Intel Secure Key Technology version	1.00
On-board graphics card *	✓	Intel ME Firmware Version	9.5
Discrete graphics card *	✓	Intel TSX-NI version	0.00
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics 4400	Intel Dual Display Capable Technology	✗
On-board graphics card base frequency	200 MHz	Intel FDI Technology	✗
On-board graphics card dynamic frequency (max)	1000 MHz	Intel Rapid Storage Technology	✓
Maximum on-board graphics card memory	1.74 GB	Intel Fast Memory Access	✗
On-board graphics card DirectX version	12	Processor ARK ID	81016
On-board graphics card ID	0xA16	Conflict-Free processor	✓
Discrete graphics card memory	2 GB	<b>Battery</b>	
Number of discrete graphics cards supported	1	Battery technology	Lithium-Ion (Li-Ion)
Number of discrete graphics cards installed	1	Number of battery cells	3
Graphics card Open GL support	✓	Battery performance	4450 mAh
<b>Audio</b>		<b>Energy Management</b>	
Built-in microphone	✓	AC adapter power	90 W
<b>Camera</b>		<b>Security</b>	
Front camera	✓	Cable lock slot	✗
<b>Network</b>		<b>Weight &amp; Dimensions</b>	
Wi-Fi	✓	Width	389.6 mm
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Depth	257.5 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g	Height (front)	2.19 cm
Ethernet LAN connection	✓	Height (rear)	2.39 cm
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight *	2.4 kg
Bluetooth	✗	<b>Packaging Content</b>	
<b>Ports &amp; interfaces</b>		Power cord included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	<b>Other features</b>	
Ethernet LAN (RJ-45) ports quantity	1	AC adapter bundled	✓
HDMI ports quantity *	1	Intel Virtualization Technology	VT-x
DVI port	✗		
Headphone outputs	1		
Microphone in	✓		
Docking connector	✗		
Charging port type	DC-in jack		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		

## Ports & interfaces

SmartCard slot



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Publication date: 21-AUG-2023. Prints or copies of Information are only valid on the printed Publication date