VN7-591G-57C5

NX.MTDEF.006

Processor & Chipset

Processor Manufacturer	Intel®
Processor Type	Core™ i5
Processor Generation	4th Gen
Processor Model	i5-4210H
Processor Speed	2.90 GHz
Maximum Turbo Speed	3.50 GHz
Processor Core	Dual-core (2 Core™)
Cache	3 MB
Direct Media Interface	5 GT/s
64-bit Processing	Yes
Hyper-Threading	Yes
vPro Technology	No
Chipset Manufacturer	Intel®
Chipset Model	HM86 Express

Memory

Standard Memory	8 GB
Maximum Memory	16 GB
Memory Technology	DDR3L SDRAM
Number of Total Memory Slots	2
Memory Card Reader	Yes
Memory Card Supported	Secure Digital (SD) Card

Storage

Hard Drive Capacity	1 TB
Solid State Drive Capacity	8 GB
Optical Drive Type	No

Display & Graphics

Screen Size	39.6 cm (15.6")
Display Screen Type	Active Matrix TFT Colour LCD
Display Screen Technology	In-plane Switching (IPS) Technology
Display Screen Technology	ComfyView
Aspect Ratio	16:9
Screen Mode	Full HD
Screen Resolution	1920 x 1080
Backlight Technology	LED
HDCP Supported	Yes
Graphics Controller Manufacturer	NVIDIA
Graphics Controller Model	GeForce GTX 860M
Graphics Memory Capacity	Up to 4 GB
Graphics Memory Technology	GDDR5
Graphics Memory Accessibility	Dedicated
TV Card	No

Network & Communication

Wireless LAN	Yes
Wireless LAN Manufacturer	Qualcomm Atheros
Wireless LAN Model	NFA344
Wireless LAN Standard	IEEE 802.11ac
Ethernet Technology	Gigabit Ethernet
Bluetooth	Yes

Built-in Devices

Front Camera/Webcam	Yes
Microphone	Yes
Finger Print Reader	No
Speakers	Yes

Interfaces/Ports

HDMI	Yes
Total Number of USB Ports	3
Number of USB 3.0 Ports	3
Network (RJ-45)	Yes
Audio Line Out	Yes

Software

Operating System Platform	Windows
Operating System	Windows 8.1
Operating System Architecture	64-bit

Input Devices

Keyboard	Yes
Keyboard Backlight	Yes
Pointing Device Type	TouchPad
TouchPad Features	Multi-touch Gesture

Battery Information

Number of Cells	3-cell
Battery Chemistry	Lithium Ion (Li-Ion)
Battery Capacity	4450 mAh

Power Description

Maximum Power Supply Wattage	135 W

Physical Characteristics

Height (Front)	21.90 mm
Height (Rear)	23.90 mm
Height	23.9 mm
Width	389.6 mm
Depth	257.5 mm
Weight (Approximate)	2.40 kg

Miscellaneous

Package Contents	Aspire VN7-591G-57C5 Notebook Lithium Ion Battery AC Adapter
Certifications & Standards	ACPI 5.0