

Part Number: NH.Q2RSI.002

---

## Processor

Processor Manufacturer

Intel®

Processor Type

Core™ i7

Processor Generation

7th Gen

Processor Model

i7-7700HQ

Processor Core

Quad-core (4 Core™)

Processor Speed

2.80 GHz

Maximum Turbo Speed

3.80 GHz

Cache

6 MB

Direct Media Interface

8 GT/s

64-bit Processing

Yes

Hyper-Threading

Yes

vPro Technology

No

## Chipset

Chipset Manufacturer

Intel®

Chipset Model

HM175

## Memory

Standard Memory

16 GB

Maximum Memory Supported

32 GB

Memory Technology

DDR4 SDRAM

Number of Total Memory Slots

2

Memory Card Reader

No

Memory Card Supported

SD

Memory Card Supported

SDXC

## Storage

Drive Type

HDD/SSD

Total Hard Drive Capacity

1 TB

Hard Drive Interface

Serial ATA

Hard Drive RPM

5400

Total Solid State Drive Capacity

128 GB

Solid State Drive Interface

Serial ATA/600

Optical Drive Type

No

## Display & Graphics

Screen Size

39.6 cm (15.6")

Display Screen Type

LCD

Display Screen Technology

ComfyView (Matte)

Display Screen Technology

In-plane Switching (IPS) Technology

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 1050

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 Standard

IEEE 802.11ac

Bluetooth

Yes

## Built-in Devices

Front Camera/Webcam

Yes

Front Camera/Webcam Video Resolution

1280 x 720

Microphone

Yes

Number of Microphones

2

Finger Print Reader

No

Speakers

Yes

Number of Speakers

2

Sound Mode

Stereo

## Interfaces/Ports

HDMI

Yes

Total Number of USB Ports

4

Number of USB 2.0 Ports

2

Number of USB 3.0 Ports

1

Number of USB 3.1 Gen 1 Ports

1

Network (RJ-45)

Yes

Headphone/Microphone Combo Port

Yes

## Software

Operating System Platform

Windows

Operating System

Windows 10 Home

Operating System Architecture

64-bit

## Input Devices

Keyboard

Yes

Numeric Pad

Yes

Pointing Device Type

TouchPad

TouchPad Features

Multi-touch Gesture

## Battery Information

Number of Cells

4-cell

Battery Chemistry

Lithium Polymer (Li-Polymer)

Battery Capacity

3220 mAh

Battery Energy

48 Wh

Maximum Battery Run Time

8.50 Hour

## Power Description

Maximum Power Supply Wattage

135 W

## Physical Characteristics

Height (Front)

26.75 mm

Height (Rear)

26.75 mm

Height

26.75 mm

Width

390 mm

Depth

266 mm

Weight (Approximate)

2.70 kg

## Miscellaneous

Package Contents

Nitro AN515-51-77VW Notebook

Lithium Polymer Battery

AC Adapter

Certifications & Standards

ACPI 5.0