


NH55RZQ Specification

Processor	<ul style="list-style-type: none"> •Intel® Core™ i7-9750H processor (14nm, 2.6GHz, DDR4-2666MHz, 12MB Smart Cache, TDP: 45W) •Intel® Core™ i5-9300H processor (14nm, 2.4GHz, DDR4-2666MHz, 8MB Smart Cache, TDP: 45W)
Core Logic	<ul style="list-style-type: none"> •Mobile Intel® HM370 Express Chipset
Display	<ul style="list-style-type: none"> •15.6" (39.62cm) FHD (1920x1080) 16:9 panel, 3.2mm
Memory	<ul style="list-style-type: none"> •Dual channel DDR4 •Two 260 pins SODIMM sockets, support DDR4 2666 MHz (Real operation frequency depends on processor) •Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM module
Video Controller	<ul style="list-style-type: none"> •Intel® UHD Graphics 630 <ul style="list-style-type: none"> - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible
Storage	<ul style="list-style-type: none"> •One changeable 2.5" 7mm(H) HDD / SSD, SATA interface •(Factory Option) One M.2 2280 SSD, SATA interface or One M.2 2280 SSD, PCIe Gen3x4 interface
Audio	<ul style="list-style-type: none"> •High Definition Audio •Built in array microphone •Built in two speakers •Sound Blaster™ Cinema 5
Keyboard and Pointing Device	<ul style="list-style-type: none"> •Multi languages full size isolated keyboard with numeric pad •(Option) Multi languages Multi-Color illuminated full size keyboard with numeric pad •Built in touch pad with Microsoft PTP multi-gesture and scrolling function
I/O ports	<ul style="list-style-type: none"> •1 x USB 2.0 port •1 x USB 3.0 (USB3.1 Gen 1) port •1 x USB 3.1 Gen 2 port (Type-A) •1 x USB 3.1 Gen 2 port (Type-C) •1 x Mini Display 1.2 port •1 x HDMI™ output port (with HDCP) •1 x 2-in-1 Audio Jack (Headphone / Microphone) •1 x Microphone Jack •1 x RJ-45 LAN port •1 x DC-in jack 
Card Reader	<ul style="list-style-type: none"> •6-in-1 Card reader <ul style="list-style-type: none"> - MMC / RSMHC - SD / mini SD / SDHC / SDXC
Slot	<ul style="list-style-type: none"> •Two M.2 card slots <ul style="list-style-type: none"> - 1st for WLAN Combo M.2 2230 Card with PCIe/USB/CNVi interface (E Key) - 2nd for SSD M.2 2280 Card with SATA / PCIe Gen 3x4 interface (M Key)
Communication	<ul style="list-style-type: none"> •Built-in 10/100/1000Mb Base-TX Ethernet LAN •(Factory Option) Intel® Dual Band Wireless-AC 9260, 2x2 AC + BT M.2 2230 (Thunder Peak 2) •(Factory Option) Intel® Dual Band Wireless-AC 9560, 2x2 AC + BT M.2 2230 (Jefferson Peak 2) •(Factory Option) Intel® Dual Band Wireless-AC 9462, 1x1 AC + BT M.2 2230 (Jefferson Peak 1) •(Factory Option) Qualcomm® Atheros Killer™ Wireless-AC 1550i Dual Band 2x2 AC + BT M.2 2230 •1.0M HD video camera
Power Supply	<ul style="list-style-type: none"> •Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19V, 4.74A, 90W •Removable 4 cells Smart Lithium-Ion battery pack, 41WH •(Factory Option) Removable 4 cells Smart Lithium-Ion battery pack, 48.96WH •Battery life : 310 minutes (UMA mode with 41 WH battery) (TBC) •Battery life : 380 minutes (UMA mode with 48.96 WH battery) (TBC)
Security	<ul style="list-style-type: none"> •Security (Kensington® Type) Lock Slot •Intel® PTT for system without Hardware TPM •(Factory Option) TPM 2.0
Others design	<ul style="list-style-type: none"> •Shipping Mode •FlexiCharger •Intel® Optane™ Technology •Windows® Mixed Reality Compatible
O.S. Support	<ul style="list-style-type: none"> •Windows® 10 RS6 (64-bit)
Certificate	<ul style="list-style-type: none"> •Windows® 10 RS6 (64-bit) Logo •HDMI™ Logo
Dimension	<ul style="list-style-type: none"> •361 (W) x 258 (D) x 24.9 (H) mm
Weight	<ul style="list-style-type: none"> •2.3 kg, Including Barebone and 41WH Battery (TBC)

2019/05 Version

Remark:
Battery life may vary depending on applications and configuration.
Weight tolerance is +/- 5%.
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