


N170RF1 Specification

Processor	<ul style="list-style-type: none"> Intel® Core™ i7-6700HQ processor (14nm, 2.6GHz, DDR4 2133MHz, 6MB Smart Cache, TDP: 45W) Intel® Core™ i5-6440HQ processor (14nm, 2.6GHz, DDR4 2133MHz, 6MB Smart Cache, TDP: 45W) Intel® Core™ i5-6300HQ processor (14nm, 2.3GHz, DDR4 2133MHz, 6MB Smart Cache, TDP: 45W)
Core Logic	• Mobile Intel® HM170 Express Chipset
Display	• 17.3" (43.94cm) FHD (1920x1080) 16:9 panel, 6.0mm
Memory	<ul style="list-style-type: none"> Dual channel DDR4 Two 260 pins SODIMM sockets, support DDR4 2133 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"> NVIDIA® GeForce GTX 965M (N16E-GR) <ul style="list-style-type: none"> 4GB GDDR5 Video RAM Support PCIe x 8 Microsoft DirectX® 12 compatible Battery Boost 2.0 Ready NVIDIA PhysX® GeForce CUDA™ technology
	<ul style="list-style-type: none"> Intel® HD Graphics 530 <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" 9.5 mm(H) / 7mm(H) HDD / SSD, SATA interface (Factory option) One changeable 9.5mm(H) Super Multi ODD, SATA interface (Factory option) One changeable Caddy Bay 9.5mm(H) ODD, 2.5", 7.0mm(H) HDD/SSD SATA interface. (Factory option) One M.2 2280 SSD, SATA/PCIe Gen3 x4 interface
Audio	<ul style="list-style-type: none"> High Definition Audio S/PDIF digital output Built in array microphone Built in two 2W speakers Sound Blaster™ Cinema 2 ANSP™ 3D sound technology on headphone output
Keyboard and Pointing Device	<ul style="list-style-type: none"> Multi languages white-LED illuminated full size keyboard with numeric pad Built in touch pad with multi-gesture and scrolling function
I/O ports	<ul style="list-style-type: none"> 3 x USB 3.0 (USB 3.1 Gen 1) ports 1 x USB 3.1 Gen 2 port (Type C) 2 x Mini Display port 1.2 1 x HDMI™ output port (with HDCP) 1 x Headphone jack 1 x Microphone jack 1 x S/PDIF Coaxial output jack 1 x RJ-45 LAN port 1 x DC-in jack 
Card Reader	<ul style="list-style-type: none"> 6-in-1 Push-Push 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 and USB interface (A Key) 2nd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 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 8260, 2x2 AC +BT M.2 2230 (Snowfield Peak 2) (Factory Option) Intel® Wireless-N 7265, 2x2 BGN +BT M.2 2230 (Stone Peak 2) (Factory Option) Intel® Dual Band Wireless-AC 3165, 1x1 AC +BT M.2 2230 (Stone Peak 1) (Factory Option) Qualcomm® Atheros Killer™ Wireless-AC 1535 Dual Band 2x2 AC +BT M.2 1630 (Factory Option) Wireless LAN 802.11B/G/N + Bluetooth v4.0+LE Combo M.2 2230 Card module 2.0M FHD video camera
Power Supply	<ul style="list-style-type: none"> Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 6.15A, 120W Built in 6 cells Smart Lithium-Ion battery pack, 62 WH Battery life: 360 minutes (with UMA mode, 62WH Battery) (TBC)
Security	<ul style="list-style-type: none"> Kensington® Lock (Factory Option) Finger print (Factory Option) TPM 2.0 Intel® PTT for system without Hardware TPM
Others Design	<ul style="list-style-type: none"> Painting Shipping Mode FlexiCharger
O.S. Support	• Windows®10 (64-bit)
Certificate	<ul style="list-style-type: none"> Windows® 10 Logo HDMI™ Logo
Dimension	• 413 (W) x285 (D) x31.9 (H) mm (TBC)
Weight	• 2.9 kg, including Barebone and 62 WH Battery (TBC)

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