17.3" Wide

N870EJ1

Professional models with better graphic performance.

Enjoy your wonderful daily work without interruptions. Featuring Microsoft® Hybrid Graphics switch graphic automatically. N870EJ1 provides you with an amazing entertainment experience.

N870EJ1　Specification

Processor	• Intel® Core™ i7-8750H processor (14nm, 2.2GHz, DDR4 2666MHz, 9MB Smart cache, TDP: 45W) • Intel® Core™ i5-8300H processor (14nm, 2.3GHz, DDR4 2666MHz, 9MB Smart cache, TDP: 45W)
Core Logic	• Mobile Intel® HM370 Express Chipset
Display	• 17.3" (43.94cm) FHD (1920x1080) 16:9 panel, 4.0mm
Memory	• Dual channel DDR4 • Two 260 pins SODIMM sockets, support DDR4 2400/2666 MHz (Real operation frequency depends on processor) • Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM module

Video Controller	• Intel® UHD Graphics 630
	  - Dynamic frequency
	  - Intel Dynamic Video Memory Technology
	  - Microsoft DirectX® 12 compatible
	
	• NVIDIA® GeForce GTX 1050 (N17P-G0)
	  - 4GB GDDR5 Video RAM
	  - Support PCIe x8
	  - Microsoft DirectX® 12 compatible
	  - Battery Boost™ Technology
	  - NVIDIA PhysX®
	  - GeForce CUDA™ technology
	
	• Microsoft Hybrid Graphics
	• Support 4 active displays

Storage	• 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 Gen3 x4 interface
Audio	• High Definition Audio • Built in array microphone • Built in two speakers • Sound Blaster™ Cinema 5
Keyboard and Pointing Device	• Multi languages white-LED illuminated full size keyboard with numeric pad • (Option) Multi languages full color illuminated full size keyboard with numeric pad • Built in touch pad with Microsoft PTP multi-gesture and scrolling function
I/O ports	• 1 x USB 2.0 port • 1 x USB 3.0 (USB 3.1 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 Mini Display 1.3 port • 1 x HDMI™ output port (with HDCP) • 1 x Headphone jack • 1 x Microphone jack • 1 x RJ-45 LAN port • 1 x DC-in jack

Card Reader	• 6-in-1 Push-Push Card reader
	  - MMC / RSMMC
	  - SD / mini SD / SDHC / SDXC

Slot	• Two M.2 card slots
	  -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 Gen3 x4 interface (M key)

Communication	• 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) • 1.0M HD video camera • (Factory Option) 2.0M FHD video camera
Power Supply	• Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 6.15A, 120W • (Factory Option) Removable 6 cells Smart Lithium-Ion battery pack, 62WH • (Factory Option) Removable 6 cells Smart Lithium-Ion battery pack, 47WH • Battery life: 300 minutes (with UMA mode, 47WH Battery) • Battery life: 400 minutes (with UMA mode, 62WH Battery)
Security	• Security (Kensington® Type) Lock Slot • Intel® PTT for system without Hardware TPM • (Factory Option) TPM 2.0
Others Design	• Metal(A) • Shipping Mode • FlexiCharger • Intel® Optane™ Technology • Microsoft Cortana with Voice Technology • Windows® Mixed Reality Compatible
O.S. Support	• Windows®10 RS3 (64-bit)
Certificate	• Windows® 10 RS3 (64-bit) Logo • HDMI™ Logo
Dimension	• 418.5 (W) x 288.7 (D) x 27.4 (H) mm
Weight	• 2.9 kg,including Barebone and 47WH Battery

HDMI™

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