15.6" Wide

N850HL

Professional models with better graphic performance.

Enjoy your wonderful daily work without interruptions. Featuring Microsoft® Hybrid Graphics switch graphic automatically. N850HL provides you with an amazing entertainment experience.

N850HL   Specification

Processor	• Intel® Core™ i7-7700HQ processor (14nm, 2.8GHz, DDR4 2400MHz, 6MB Smart cache, TDP: 45W) • Intel® Core™ i5-7300HQ processor (14nm, 2.5GHz, DDR4 2400MHz, 6MB Smart cache, TDP: 45W) • Intel® Core™ i3-7100H processor (14nm, 3.0GHz, DDR4 2400MHz, 3MB Smart cache, TDP: 35W)
Core Logic	• Mobile Intel® HM175 Express Chipset
Display	• 15.6" (39.62cm) FHD (1920x1080) 16:9 panel, 3.2mm
Memory	• Dual channel DDR4 • Two 260 pins SODIMM sockets, support DDR4 2400 MHz (Real operation frequency depends on processor) • Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM module

Video Controller	• Intel® HD Graphics 630
	  - Dynamic frequency
	  - Intel Dynamic Video Memory Technology
	  - Microsoft DirectX® 12 compatible
	
	• Microsoft Hybrid Graphics
		• NVIDIA® GeForce MX150
		  - 2GB GDDR5 Video RAM
		  - Support PCIe x4
		  - Microsoft DirectX® 12 compatible
		  - NVIDIA PhysX®
		  - GeForce CUDA™ technology

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 • (Factory Option) Built in microphone • Built in two speakers • Sound Blaster™ Cinema 3
Keyboard and Pointing Device	• Multi languages full size isolated keyboard with numeric pad • (Factory Option) Multi languages white-LED 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 • 2 x USB 3.0 (USB 3.1 Gen 1) ports (Type A) • 1 x USB 3.0 (USB 3.1 Gen 1) port (Type C) • 1 x external VGA 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	• Three M.2 card slots
	  -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 Gen3 x4 interface (M key)
	  -(Factory Option) 3rd for LTE or UMTS/HSPA+ M.2 3042 Card with USB interface (B key)

Communication	• Built-in 10/100/1000Mb Base-TX Ethernet LAN • (Factory Option) Intel® Dual Band Wireless-AC 8265, 2x2 AC +BT M.2 2230 (Windstorm Peak) • (Factory Option) Intel® Dual Band Wireless-AC 3168, 1x1 AC +BT M.2 2230 (Sandy Peak) • (Factory Option) LTE or UMTS/HSPA+ M.2 3042 Card with USB interface • 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 19V, 4.74A, 90W • (Factory Option) Removable 6 cells Smart Lithium-Ion battery pack, 62WH • (Factory Option) Removable 6 cells Smart Lithium-Ion battery pack, 47WH • Battery life: 420 minutes (UMA mode, 47WH Battery) • Battery life: 560 minutes (UMA mode, 62WH Battery)
Security	• Security (Kensington® Type) Lock Slot • Intel® PTT for system without Hardware TPM • (Factory Option) TPM 2.0
Others Design	• Shipping Mode • FlexiCharger • Intel Optane • Microsoft Cortana with Voice Technology
O.S. Support	• Windows®10 (64-bit)
Certificate	• Windows® 10 (64-bit) Logo • HDMI™ Logo
Dimension	• 378 (W) x 267 (D) x 24.9 (H) mm
Weight	• 2.3 kg,including Barebone and 47 WH Battery

2017/06 Version

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