



15.6" Wide


N850HP6



Professional models with better graphic performance.

Enjoy your wonderful daily work without interruptions. Featuring Microsoft® Hybrid Graphics switch graphic automatically. N850HP6 provides you with an amazing entertainment experience.

N850HP6 Specification

Processor	<ul style="list-style-type: none"> • 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)
Core Logic	• Mobile Intel® HM175 Express Chipset
Display	• 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 2400 MHz (Real operation frequency depends on processor) • Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM module • Support XMP 2666MHz (XMP support depends on processor and works in dual channel)
Video Controller	<ul style="list-style-type: none"> • Intel® HD Graphics 630 <ul style="list-style-type: none"> - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible • NVIDIA® GeForce GTX 1060 (N17E-G1) <ul style="list-style-type: none"> - 6GB GDDR5 Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - GeForce CUDA™ technology - Battery Boost technology
	<ul style="list-style-type: none"> • Microsoft Hybrid Graphics mode • Support 4 active displays
Storage	<ul style="list-style-type: none"> • One changeable 2.5" 9.5mm/7mm(H) HDD / SSD, SATA interface • One M.2 2280 SSD, SATA or PCIe Gen3 x4 interface, Auto detection
Audio	<ul style="list-style-type: none"> • High Definition Audio • Built in array microphone • Built in two speakers • Sound Blaster™ Cinema 3
Keyboard and Pointing Device	<ul style="list-style-type: none"> • Multi languages white-LED illuminated full size keyboard with numeric pad • (Factory Option) Full color RGB 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 • 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) • (Factory Option) 1 x USB 3.1 Gen 2 port (share with USB 3.0 port) (Type A) and 1x USB 3.1 Gen 2 port (share with USB 3.0 port)(Type-C) (2 x USB 3.1 Gen 2 ports with 10Gb shared bandwidth) • 1 x Mini Display 1.3 port • 1 x Mini Display 1.2 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	<ul style="list-style-type: none"> • 6-in-1 Push-Push Card reader <ul style="list-style-type: none"> - MMC / RSMMC - SD / mini SD / SDHC / SDXC
Slot	<ul style="list-style-type: none"> • Three M.2 card slots <ul style="list-style-type: none"> -1st for WLAN Combo M.2 2230 Card with 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 9.23A, 180W • Removable 6 cells Smart Lithium-Ion battery pack, 62WH • Battery life: 520 minutes (with UMA mode, 62WH Battery)
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 • Virtual Reality ready via HDMI or miniDP from dGPU • Microsoft Cortana with Voice Technology
O.S. Support	• Windows®10 (64-bit)
Certificate	<ul style="list-style-type: none"> • Windows® 10 (64-bit) Logo • HDMI™ Logo
Dimension	• 378 (W) x267 (D) x29.9 (H) mm
Weight	• 2.5 kg, including Barebone and 62 WH Battery

2017/04 Version

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