











Professional models with better graphic performance.

Enjoy your wonderful daily work without interruptions. Featuring Microsoft® Hybrid Graphics, switch graphic automatically. N170SD provides you with an amazing entertainment experience.

N170SD Specification

	•Intel® Core™ i7-4870HQ processor (22nm, 2.50GHz, DDR3L	-1600MHz. 6MB L3 cache. TDP: 47W)	
B	•Intel® Core™ i7-4770HQ processor (22nm, 2.20GHz, DDR3L-1600MHz, 6MB L3 cache, TDP: 47W) •Intel® Core™ i7-4720HQ processor (22nm, 2.60GHz, DDR3L-1600MHz, 6MB L3 cache, TDP: 47W) •Intel® Core™ i7-4720HQ processor (22nm, 2.60GHz, DDR3L-1600MHz, 6MB L3 cache, TDP: 47W)		
Processor			
	•Intel® Core™ i5-4210H processor (22nm, 2.90GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 47W)		
Core Logic	Mobile Intel® HM87 Express Chipset 17.3% (43.04cm) FUD (1030)(1030) 16:0 const.		
Display	•17.3" (43.94cm) FHD (1920X1080) 16:9 panel		
Memory	Dual channel DDR3L Two 204 pins SODIMM sockets, support DDR3L 1600MHz (Pool operation frequency depends on processor).		
Memory	•Two 204 pins SODIMM sockets, support DDR3L 1600MHz (Real operation frequency depends on processor) •Expandable memory up to 16GB, depends on 2GB /4GB/8GB SODIMM module		
	• Intel® HD Graphics 4600 • Intel® HD Graphics 5200		
	(Integrated on i7-4720HQ/i5-4210H)	(Integrated on i7-4870HQ/i7-4770HQ)	
	- Dynamic frequency	- Dynamic frequency	
	- Intel Dynamic Video Memory Technology up to 1.7GB	- Intel Dynamic Video Memory Technology up to 1.7GB	
Video Controller	- Microsoft DirectX® 11.1 compatible	- Microsoft DirectX® 11.1 compatible	
	•NVIDIA® next generation graphic		
	Microsoft Hybrid Graphics		
	GPU switchable between iGPU and dGPU		
	One changeable 2.5" 9.5 / 7.0 mm (H) HDD/SSD, SATA interface (Factory Option) One changeable 0 Fmm(H) Super Multi/ Blu roy Writer ODD, SATA interface		
Storage	• (Factory Option) One changeable 9.5mm(H) Super Multi/ Blu-ray Writer ODD, SATA interface		
	(Factory Option) One changeable Caddy Bay 9.5mm(H) ODD, 2.5",7.0mm(H) HDD/SSD SATA interface High Definition Audio		
Audio	S/PDIF Digital output		
	Built in microphone		
	Built in two 2W speakers		
	• Sound Blaster™ Cinema 2		
Keyboard and	Multi languages white-LED illuminated full size keyboard with numeric pad		
Pointing Device	Built in touch pad with multi-gesture and scrolling function		
I/O ports	•4 x USB 3.0 ports		
	 1 x Mini Display port 1.2 1 x HDMI[™] output port (with HDCP) 		
	•1 x external VGA port		
	•1 x Headphone jack		
	•1 x Microphone jack		
	- · · · · · · · · · · · · · · · · · · ·		
	•1 x S/PDIF output jack		
	•1 x S/PDIF output jack •1 x RJ-45 LAN port	HDMI.	
	1 x S/PDIF output jack1 x RJ-45 LAN port1 x DC-in jack	Hidri Kilika Kilika	
Card Poader	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader 	HODINI'	
Card Reader	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader MMC / RSMMC 	HOME RUSS AUGUS.	
Card Reader	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader 		
Card Reader	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader MMC / RSMMC SD / mini SD / SDHC / SDXC 	HALINGSPETIM BACINGSPE WESTAMS	
	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader MMC / RSMMC SD / mini SD / SDHC / SDXC Two M.2 card slots 	HALINGSPETIM BACINGSPE WESTAMS	
	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader MMC / RSMMC SD / mini SD / SDHC / SDXC Two M.2 card slots 1st for WLAN Combo M.2 2230 Card with PCIe and USB interpolation of the composition of the compositio	rface	
Slot	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader MMC / RSMMC SD / mini SD / SDHC / SDXC Two M.2 card slots 1st for WLAN Combo M.2 2230 Card with PCIe and USB interpolation of the composition of the compositio	rface : +BT M.2 2230 (Stone Peak 2)	
	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader MMC / RSMMC SD / mini SD / SDHC / SDXC Two M.2 card slots 1st for WLAN Combo M.2 2230 Card with PCIe and USB interest for WLAN Combo M.2 2230 Card with SATA interface Built in 10/100/1000Mb Base-TX Ethernet LAN (Factory Option) Intel® Dual Band Wireless-AC 7265, 2x2 AC (Factory Option) Intel® Wireless-N 7265, 2x2 BGN +BT M.2 	rface 2 +BT M.2 2230 (Stone Peak 2) 2230 (Stone Peak 2)	
Slot	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader MMC / RSMMC SD / mini SD / SDHC / SDXC Two M.2 card slots 1st for WLAN Combo M.2 2230 Card with PCIe and USB interpolation of the composition of the compositio	rface 2 +BT M.2 2230 (Stone Peak 2) 2230 (Stone Peak 2)	
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Slot	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader MMC / RSMMC SD / mini SD / SDHC / SDXC Two M.2 card slots 1st for WLAN Combo M.2 2230 Card with PCIe and USB interest for WLAN Combo M.2 2230 Card with PCIe and USB interest for SSD M.2 2280 Card with SATA interface Built in 10/100/1000Mb Base-TX Ethernet LAN (Factory Option) Intel® Dual Band Wireless-AC 7265, 2x2 AC (Factory Option) Intel® Wireless-N 7265, 2x2 BGN +BT M.2 (Factory Option) Wireless LAN 802.11B/G/N + Bluetooth v4.0 2.0M FHD video camera 	rface 1 +BT M.2 2230 (Stone Peak 2) 2230 (Stone Peak 2) 1+LE Combo M.2 2230 Card module	
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Slot Communication Power Supply	 1 x S/PDIF output jack 1 x RJ-45 LAN port 1 x DC-in jack 6-in-1 Push-Push card reader MMC / RSMMC SD / mini SD / SDHC / SDXC Two M.2 card slots 1st for WLAN Combo M.2 2230 Card with PCIe and USB interent for SSD M.2 2280 Card with SATA interface Built in 10/100/1000Mb Base-TX Ethernet LAN (Factory Option) Intel® Dual Band Wireless-AC 7265, 2x2 AC (Factory Option) Intel® Wireless-N 7265, 2x2 BGN +BT M.2 (Factory Option) Wireless LAN 802.11B/G/N + Bluetooth v4.0 2.0M FHD video camera Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output Built in 6 cells Smart Lithium-Ion battery pack, 62 WH Battery life: 220 minutes (with UMA mode , 62WH battery) (Kensington® Lock 	rface 2 +BT M.2 2230 (Stone Peak 2) 2230 (Stone Peak 2) 2+LE Combo M.2 2230 Card module 2 19.5V, 6.15A, 120W	
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Remark:
*Battery life may vary depending on applications and configuration.
*Weight tolerance is +/- 5%.
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