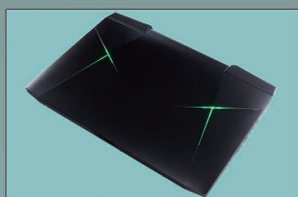




17.3" Wide


P870DM-G



Advanced specifications for the demanding applications

Satisfy all your entertainment needs with this 15.6" laptop. Equipped with NVIDIA N16 Series Graphics / G-SYNC technology, and SOUND BLASTER X-Fi MB5 system, an extremely versatile laptop is ready to rock your world!

P870DM-G Specification

Processor	<ul style="list-style-type: none">•Intel® Core™ i7-6700K processor (14nm, 4.0GHz, DDR4 2133MHz, 8MB Smart cache,TDP: 91W)•Intel® Core™ i5-6600K processor (14nm, 3.5GHz, DDR4 2133MHz, 6MB Smart cache,TDP: 91W)•Intel® Core™ i7-6700 processor (14nm, 3.4GHz, DDR4 2133MHz, 8MB Smart cache,TDP: 65W)•Intel® Core™ i5-6500 processor (14nm, 3.2GHz, DDR4 2133MHz, 6MB Smart cache,TDP: 65W)•Intel® Core™ i5-6400 processor (14nm, 2.7GHz, DDR4 2133MHz, 6MB Smart cache,TDP: 65W) Support Intel® XTU over-clocking technology depends on CPU SKU (Both of base frequency and ratio)	
Core Logic	•Intel® Z170 Express Chipset	
Display	•17.3" (43.94cm) FHD (1920x1080) 16:9 panel, 4.0mm	
Memory	<ul style="list-style-type: none">•Dual channel DDR4•Four 260 pins SODIMM sockets, support DDR4 2133 MHz (Real operation frequency depends on processor)•Expandable memory up to 32GB/64GB, depends on 4GB/8GB/16GB SODIMM module	
Video Controller	<ul style="list-style-type: none">•NVIDIA® GeForce GTX 980 (N16E-GXX)<ul style="list-style-type: none">- 8GB GDDR5 Video RAM- Support PCIe x8- Microsoft DirectX® 12 compatible- MXM3.0- NVIDIA® PhysX®- GeForce CUDA™ technology- Support 4 active displays- Support NVIDIA® Surround View- GPU over-clocking	<ul style="list-style-type: none">•NVIDIA® GeForce GTX 980M (N16E-GX)<ul style="list-style-type: none">- 8GB GDDR5 Video RAM- Support PCIe x8- Microsoft DirectX® 12 compatible- MXM3.0 Type B- NVIDIA® PhysX®- GeForce CUDA™ technology- Support 4 active displays- Support NVIDIA® Surround View- Support NVIDIA® SLI® Technology
	<ul style="list-style-type: none">•NVIDIA® GeForce GTX 970M (N16E-GT)<ul style="list-style-type: none">- 6GB GDDR5 Video RAM- Support PCIe x8- Microsoft DirectX® 12 compatible- MXM3.0 Type B- NVIDIA®PhysX®- GeForce CUDA™ technology- Support 4 active displays- Support NVIDIA® Surround View- Support NVIDIA® SLI® Technology	
Storage	<ul style="list-style-type: none">•Two changeable 2.5" 7mm/9.5mm(H) HDD/SSD, SATA interface (RAID 0/1)•(Factory Option) Two M.2 2280 SSD SATA/PCIe interface (RAID 0/1)	
Audio	<ul style="list-style-type: none">•High Definition Audio•S/PDIF digital output•Built in array microphone•Built in two speakers•Built in one subwoofer speaker•ANSP™ 3D sound technology on headphone output•SOUND BLASTER® X-FI® MB5•External 7.1CH audio output supported by headphone, microphone, Line-in and S/PDIF jack	
Keyboard and Pointing Device	<ul style="list-style-type: none">•Multi languages full color illuminated full size keyboard with numeric pad and anti-ghost keys•Built in touch pad with multi-gesture and scrolling function•W/A/S/D gaming key	
I/O ports	<ul style="list-style-type: none">•5 x USB 3.0 ports (USB3.1 Gen1, 1 x powered USB port, AC/DC)•1 x USB 3.1 Gen2 / Thunderbolt™ 3 combo port (Type-C)•1 x HDMI™ output port (with HDCP)•2 x Mini Display port 1.2•1 x Headphone jack•1 x Microphone jack•1 x S/PDIF output jack•1 x Line-in jack•2 x RJ-45 LAN port (Killer DoubleShot™ Pro)•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 up to UHS-II	
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 PCIe and USB interface (A key)-2nd for SSD M.2 2280 Card with SATA / PCIe Gen3 x4 interface (M key)-3rd for SSD M.2 2280 Card with SATA / PCIe Gen3 x4 interface (M key)	
Communication	<ul style="list-style-type: none">•Built in Qualcomm® 10/100/1000Mb Base-TX Ethernet LAN•(Factory Option) Intel® Dual Band Wireless-AC 8260, 2x2 AC +BT M.2 2230 (Snowfield Peak)•(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, 16.9A, 330W•Embedded 8 cells Smart Lithium-Ion battery pack, 89WH•Battery life: 180 minutes (with NVIDIA® GeForce GTX 970M single, 89WH Battery)	
Security	<ul style="list-style-type: none">•Kensington® Lock•Finger print•TPM 2.0	
Others Design	<ul style="list-style-type: none">•Painting•Shipping Mode•FlexiCharger•NVIDIA® G-SYNC™ Technology•Killer DoubleShot-X3™ Pro with Killer™ Wireless-AC 1535 module•Virtual Reality ready	
OS Support	•Windows®10 (64-bit)	
Certificate	<ul style="list-style-type: none">•Windows®10 (64-bit) Logo•HDMI™ Logo	
Dimension	•428(W) x 308(D) x 45(H) mm	
Weight	•4.8kg, Including Barebone, VGA single card and 89WH Battery	

2015/12 Version

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