




17.3" *Wide* P771DM-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!

P771DM-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	
Core Logic	•Intel® Z170 Express Chipset	
Display	•17.3" (43.94cm) FHD (1920x1080) 16:9 panel, 6.2mm	
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 64GB, depends on 4GB/8GB/16GB SODIMM module	
Video Controller	<ul style="list-style-type: none">•NVIDIA® GeForce GTX 980M (N16E-GX)<ul style="list-style-type: none">- 8GB GDDR5 Video RAM- Support PCIe x16- Microsoft DirectX® 12 compatible- MXM3.0 Type B- NVIDIA PhysX®- GeForce CUDA™ technology- Support 4 active displays- Support NVIDIA® Surround View	<ul style="list-style-type: none">•NVIDIA® GeForce GTX 970M (N16E-GT)<ul style="list-style-type: none">- 6GB GDDR5 Video RAM- Support PCIe x16- Microsoft DirectX® 12 compatible- MXM3.0 Type B- NVIDIA PhysX®- GeForce CUDA™ technology- Support 4 active displays- Support NVIDIA® Surround View
	<ul style="list-style-type: none">•NVIDIA® GeForce GTX 965M (N16E-GS)<ul style="list-style-type: none">- 4GB GDDR5 Video RAM- Support PCIe x16- Microsoft DirectX® 12 compatible- MXM3.0 Type B- NVIDIA PhysX®- GeForce CUDA™ technology- Support 4 active displays- Support NVIDIA® Surround View	<ul style="list-style-type: none">•NVIDIA® GeForce GTX 965M (N16E-GR)<ul style="list-style-type: none">- 4GB GDDR5 Video RAM- Support PCIe x16- Microsoft DirectX® 12 compatible- MXM3.0 Type A- NVIDIA PhysX®- GeForce CUDA™ technology- Support 4 active displays- Support NVIDIA® Surround View
Storage	<ul style="list-style-type: none">•Two changeable 2.5" 7/9.5mm(H) HDD/SSD, SATA interface (RAID 0/1)•(Factory Option) Two M.2 2280 SSD SATA/PCIe Gen3x4 interface (RAID 0/1)	
Audio	<ul style="list-style-type: none">•High Definition Audio•S/PDIF digital output (Optical)•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">•3 x USB 3.0 ports (USB3.1 Gen1)•1 x eSATA / USB 3.0 (USB3.1 Gen1) combo port (1 x powered USB port, AC/DC)•1 x USB 3.1 Gen2 / Thunderbolt™ 3 combo port (Type-C)•2 x Display port 1.2•1 x HDMI™ output port (with HDCP)•1 x Headphone jack•1 x Microphone jack•1 x S/PDIF output jack•1 x Line-in 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 / RSMHC- 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 Gen3x4 interface (M key)-3rd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 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 AC +BT M.2 2230 (Stone Peak 2)•(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, 11.8A, 230W•Removable 8 cells Smart Lithium-Ion battery pack, 82WH•Battery life: 150 minutes (with NVIDIA® GeForce GTX 965M, 82WH Battery)	
Security	<ul style="list-style-type: none">•Kensington® Lock•TPM 2.0•(Factory Option) Finger print	
Others Design	<ul style="list-style-type: none">•Rubber Painting•Shipping Mode•NVIDIA® G-SYNC™ Technology•FlexiCharger•Killer DoubleShot™ 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	•418(W) x282(D) x 16~38.9(H) mm	
Weight	•3.9Kg, Including Barebone, VGA card and 82WH Battery	

2016/01 Version

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