




# 17.3" *Wide* P775DM1-G



## Advanced specifications for the demanding applications

Satisfy all your entertainment needs with this 17.3" laptop. Equipped with NVIDIA New Graphic Card / G-SYNC technology, and SOUND BLASTER X-Fi MB5 system, an extremely versatile laptop is ready to rock your world!

# P775DM1-G Specification

Processor	<ul style="list-style-type: none"><li>•Intel® Core™ i7-6700K processor (14nm, 4.0GHz, DDR4 2133MHz, 8MB Smart cache,TDP: 91W)</li><li>•Intel® Core™ i5-6600K processor (14nm, 3.5GHz, DDR4 2133MHz, 6MB Smart cache,TDP: 91W)</li><li>•Intel® Core™ i7-6700 processor (14nm, 3.4GHz, DDR4 2133MHz, 8MB Smart cache,TDP: 65W)</li><li>•Intel® Core™ i5-6500 processor (14nm, 3.2GHz, DDR4 2133MHz, 6MB Smart cache,TDP: 65W)</li><li>•Intel® Core™ i5-6400 processor (14nm, 2.7GHz, DDR4 2133MHz, 6MB Smart cache,TDP: 65W)</li></ul> 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, 4.0mm
Memory	<ul style="list-style-type: none"><li>•Dual channel DDR4</li><li>•Four 260 pins SODIMM sockets, support DDR4 2133 MHz ( Real operation frequency depends on processor)</li><li>•Expandable memory up to 64GB, depends on 4GB/8GB/16GB SODIMM module</li></ul>
Video Controller	<ul style="list-style-type: none"><li>•NVIDIA® GeForce GTX 980 (N16E-GXX)<ul style="list-style-type: none"><li>- 8GB GDDR5 Video RAM</li><li>- Support PCIe x16</li><li>- Microsoft DirectX® 12 compatible</li><li>- MXM3.0</li><li>- NVIDIA PhysX®</li><li>- GeForce CUDA™ technology</li><li>- GPU over-clocking</li><li>- Support 4 active displays</li><li>- Support NVIDIA® Surround View</li></ul></li></ul>
Storage	<ul style="list-style-type: none"><li>•Two changeable 2.5" 7/9.5mm(H) HDD/SSD, SATA interface (RAID 0/1)</li><li>•(Factory Option) Two M.2 2280 SSD SATA/PCIe Gen3x4 interface (RAID 0/1)</li></ul>
Audio	<ul style="list-style-type: none"><li>•High Definition Audio</li><li>•S/PDIF digital output (Optical)</li><li>•Built in array microphone</li><li>•Built in two speakers</li><li>•Built in one subwoofer speaker</li><li>•ANSP™ 3D sound technology on headphone output</li><li>•SOUND BLASTER® X-FI® MB5</li><li>•External 7.1CH audio output supported by headphone, microphone, Line-in and S/PDIF jack</li></ul>
Keyboard and Pointing Device	<ul style="list-style-type: none"><li>•Multi languages full color illuminated full size keyboard with numeric pad and anti-ghost keys</li><li>•Built in touch pad with multi-gesture and scrolling function</li><li>•W/A/S/D gaming key</li></ul>
I/O ports	<ul style="list-style-type: none"><li>•3 x USB 3.0 ports (USB3.1 Gen1)</li><li>•1 x eSATA / USB 3.0 (USB3.1 Gen1) combo port (1 x powered USB port, AC/DC)</li><li>•1 x USB 3.1 Gen2 / Thunderbolt™ 3 combo port (Type-C)</li><li>•2 x Display port 1.2</li><li>•1 x HDMI™ output port (with HDCP)</li><li>•1 x Headphone jack</li><li>•1 x Microphone jack</li><li>•1 x S/PDIF output jack</li><li>•1 x Line-in jack</li><li>•1 x RJ-45 LAN port</li><li>•1 x DC-in jack</li></ul> 
Card Reader	<ul style="list-style-type: none"><li>•6-in-1 Push-Push Card reader<ul style="list-style-type: none"><li>- MMC / RSMCMC</li><li>- SD / mini SD / SDHC / SDXC up to UHS-II</li></ul></li></ul>
Slot	<ul style="list-style-type: none"><li>•Three M.2 card slots<ul style="list-style-type: none"><li>-1st for WLAN Combo M.2 2230 Card with PCIe and USB interface (A key)</li><li>-2nd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 interface (M key)</li><li>-3rd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 interface (M key)</li></ul></li></ul>
Communication	<ul style="list-style-type: none"><li>•Built in Qualcomm® 10/100/1000Mb Base-TX Ethernet LAN</li><li>•(Factory Option) Intel® Dual Band Wireless-AC 8260, 2x2 AC +BT M.2 2230 (Snowfield Peak)</li><li>•(Factory Option) Intel® Wireless-N 7265, 2x2 AC +BT M.2 2230 (Stone Peak 2)</li><li>•(Factory Option) Intel® Wireless-N 7265, 2x2 BGN +BT M.2 2230 (Stone Peak 2)</li><li>•(Factory Option) Intel® Dual Band Wireless-AC 3165, 1x1 AC +BT M.2 2230 (Stone Peak 1)</li><li>•(Factory Option) Qualcomm® Atheros Killer™ Wireless-AC 1535 Dual Band 2x2 AC +BT M.2 1630</li><li>•(Factory Option) Wireless LAN 802.11B/G/N + Bluetooth v4.0+LE Combo M.2 2230 Card module</li><li>•2.0M FHD video camera</li></ul>
Power Supply	<ul style="list-style-type: none"><li>•Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 16.9A, 330W</li><li>•Removable 8 cells Smart Lithium-Ion battery pack, 82WH</li><li>•Battery life: 150 minutes (with NVIDIA® GeForce GTX 970M, 82WH Battery)</li></ul>
Security	<ul style="list-style-type: none"><li>•Kensington® Lock</li><li>•TPM 2.0</li><li>•(Factory Option) Finger print</li></ul>
Others Design	<ul style="list-style-type: none"><li>•Painting</li><li>•Shipping Mode</li><li>•NVIDIA® G-SYNC™ Technology</li><li>•FlexiCharger</li><li>•Killer DoubleShot-X3™ Pro with Killer™ Wireless-AC 1535 module</li><li>•Virtual Reality ready</li></ul>
OS Support	•Windows®10 (64-bit)
Certificate	<ul style="list-style-type: none"><li>•Windows®10 (64-bit) Logo</li><li>•HDMI™ Logo</li></ul>
Dimension	•418(W) x295.3(D) x 40.9(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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