



15.6" *Wide*


P751DM2-G



Advanced specifications for the demanding applications

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

P751DM2-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) •Support CPU over clocking depends on CPU SKU (Both of base frequency and ratio)
Core Logic	•Intel® Z170 Express Chipset
Display	•15.6" (39.62cm) QFHD (3840x2160) / FHD (1920x1080) 16:9 panel, 3.2mm
Memory	<ul style="list-style-type: none"> •Dual channel DDR4 •Four 260 pins SODIMM sockets, support DDR4 2133/2400 MHz (Real operation frequency depends on processor) •Expandable memory from 8GB to 64GB, depends on 4GB/8GB/16GB SODIMM module •Support XMP 2666/3000 MHz (XMP support depends on processor and works in dual channel)
Video Controller	•NVIDIA® enthusiast graphic card
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 Gen3x4 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 •SOUND BLASTER® X-FI® MB5 •ESS™ SABRE HiFi DAC for high resolution headphone audio •External 7.1CH audio output supported by 2-in-1 Audio, Microphone, Line-in and Line-out jacks
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 Secure pad with Microsoft PTP multi-gesture and scrolling function •W/A/S/D gaming key
I/O ports	<ul style="list-style-type: none"> •1 x USB 2.0 port •3 x USB 3.0 ports (USB 3.1 Gen 1) (1 x powered USB port, AC/DC) •1 x USB 3.1 Gen 2 port (Type-C) •1 x USB 3.1 Gen2 port (Type-C) •2 x Mini DisplayPort 1.3 •1 x HDMI™ output port (with HDCP) •1 x 2-in-1 Audio Jack (Headphone/ S/PDIF optical output) •1 x Microphone jack •1 x Line-out 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 - MMC / RSMCMC - SD / mini SD / SDHC / SDXC up to UHS-II
Slot	<ul style="list-style-type: none"> •Four M.2 card slots -1st for WLAN Combo M.2 2230 Card with PCIe2 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) -4th for LTE or UMTS/HSPA+ M.2 3042 Card with USB interface (B key) Note: (Factory option) LTE or 802.11AD antenna
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) •(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 2230 •(Factory Option) Wireless LAN 802.11AC/AD + Bluetooth v4.1+LE Combo M.2 2230 Card module •(Factory option) UMTS/HSPA+ M.2 3042 Card module •(Factory option) LTE M.2 3042 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® enthusiast graphic card , 82WH Battery)
Security	<ul style="list-style-type: none"> •Kensington® Lock •Area finger print •TPM2.0
Others Design	<ul style="list-style-type: none"> •Rubber Painting •Shipping Mode •FlexiCharger •Virtual Reality ready •Killer DoubleShot™ Pro with Killer™ Wireless-AC 1535 module •Support Windows®10 Cortana with Voice •(Factory Option) USB drive •NVIDIA® G-SYNC™ Technology
OS Support	•Windows®10 (64-bit)
Certificate	<ul style="list-style-type: none"> •Windows®10 (64-bit) Logo •HDMI™ Logo
Dimension	•386 (W) x262 (D) x38(H) mm
Weight	•3.4Kg, including Barebone ,VGA card and 82WH Battery

2016/07 Version

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