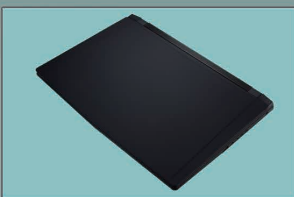# 15.6" Wide

P751DM2

Advanced specifications for the demanding applications

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

P751DM2   Specification

Processor	• 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	• 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	• 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	• 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	• 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	• 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	• 6-in-1 Push-Push Card reader - MMC / RSMMC - SD / mini SD / SDHC / SDXC up to UHS-II
Slot	• Four M.2 card slots -1st for WLAN Combo M.2 2230 Card with PCIex2 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	• 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	• 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	• Kensington® Lock • Area finger print • TPM2.0
Others Design	• Rubber Painting • Shipping Mode • FlexiCharger • Virtual Reality ready • Killer DoubleShotTM Pro with Killer™ Wireless-AC 1535 module • Support Windows®10 Cortana with Voice • (Factory Option) USB drive
OS Support	• Windows®10 (64-bit))
Certificate	• 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

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

2016/07 Version

Remark:
*Battery life may vary depending on applications and configuration.
*Weight tolerance is +/- 5%.
*The content is subject to change without notices. Other brand and product names are trademarks and/or register trademarks of their respective companies.