17.3" *Wide*
P671RP6-G

Advanced specifications for the demanding applications

Satisfy all your entertainment needs with this 17.3" 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!

P671RP6-G Specification

Processor	• Intel® Core™ i7-6820HK processor (14nm, 2.7GHz, DDR4 2133MHz, 8MB Smart cache, TDP: 45W) • Intel® Core™ i7-6700HQ processor (14nm, 2.6GHz, DDR4 2133MHz, 8MB Smart cache, TDP: 45W) Support CPU over clocking on i7-6820HK
Core Logic	• Mobile Intel® HM170 Express Chipset
Display	• 17.3" (43.94cm) FHD (1920x1080) 16:9 panel, 6.2mm
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 MHz (XMP support depends on processor and works in dual channel)

Video Controller	• NVIDIA® enthusiast graphic card
	• Intel® HD Graphics 530
	  - Dynamic frequency
	  - Intel Dynamic Video Memory Technology
	  - Microsoft DirectX® 12 compatible
	• Microsoft Hybrid Graphics mode or dGPU Mode
	• Support 4 active displays
	• Support NVIDIA® Surround View via HDMI x1 and miniDP x2

Storage	• Two changeable 2.5" HDD/SSD, SATA interface (RAID 0/1)
	  - 1st 7mm(H)
	  - 2nd 7mm(H) / 9.5mm(H)
	• (Factory Option) Two M.2 2280 SSD, SATA interface (RAID 0/1) or One M.2 2280 SSD, PCIe Gen3x4 interface

Audio	• High Definition Audio • S/PDIF digital output • Built in array microphone • Built in two 2W speakers • Built in one subwoofer speaker • SOUND BLASTER® X-FI® MB5 • ANSP™ 3D sound technology on headphone output • External 5.1CH audio output supported by 2-in-1 Audio,microphone,and Line-out jacks
Keyboard and Pointing Device	• Multi languages white-LED illuminated full size keyboard with numeric pad • (Factory Option) Multi languages full color illuminated full size keyboard with numeric pad • Built in touch pad with Microsoft PTP multi-gesture and scrolling function • W/A/S/D gaming key
I/O ports	• 2 x USB 3.1 Gen 2 port (Type-C) • 3 x USB 3.0 ports (USB3.1 Gen1, 1 x powered USB port, AC/DC) • 2 x Mini Display port 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 RJ-45 LAN port • 1 x DC-in jack HDMI™

Card Reader	• 6-in-1 Push-Push Card reader
	  - MMC / RSMMC
	  - SD / mini SD / SDHC / SDXC

Slot	• Three M.2 card slots
	  -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 interface (M key)

Communication	• Built in 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 • 2.0M FHD video camera
Power Supply	• Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19V, 10.5A, 200W • Embedded 4 cells Polymer battery pack, 60WH • Battery life: 310 minutes (with UMA mode, 60WH Battery)
Security	• Kensington® Lock • Intel ® PTT for system without hardware TPM • (Factory Option) Finger print • (Factory Option) TPM 2.0
Others Design	• Al-alloy • Shipping Mode • FlexiCharger • Virtual Reality ready • Support Windows®10 Cortana with Voice • NVIDIA® G-SYNC™ Technology at dGPU mode • (Factory Option) USB drive
OS Support	• Windows®10 (64-bit)
Certificate	• Windows®10 (64-bit) Logo • HDMI™ Logo
Dimension	• 417(W) x 287(D) x 29.98(H)mm
Weight	• 3.2kg, Including Barebone and 60WH Battery

2016/07 Version

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