



# 17.3" *Wide*

## P671RE6



### **Advanced specifications for the demanding applications**

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

# P671RE6 Specification

Processor	<ul style="list-style-type: none"><li>•Intel® Core™ i7-6820HK processor (14nm, 2.7GHz, DDR4 2133MHz, 8MB Smart cache, TDP: 45W)</li><li>•Intel® Core™ i7-6700HQ processor (14nm, 2.6GHz, DDR4 2133MHz, 6MB Smart cache, TDP: 45W)</li></ul> Support Intel® XTU over-clocking technology on i7-6820HK
Core Logic	•Mobile Intel® HM170 Express Chipset
Display	•17.3" (43.94cm) FHD (1920x1080) 16:9 panel, 6.2mm
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>•Microsoft Hybrid Graphics mode or dGPU Mode</li><li>•Support 4 active displays</li><li>•Support NVIDIA® Surround View via HDMI x1 and miniDP x2</li></ul>
	<ul style="list-style-type: none"><li>•NVIDIA® GeForce GTX 970M (N16E-GT)<ul style="list-style-type: none"><li>- 6GB GDDR5 Video RAM</li><li>- Support PCIe x16</li><li>- Microsoft DirectX® 12 compatible</li><li>- NVIDIA PhysX®</li><li>- GeForce CUDA™ technology</li></ul></li><li>•Intel® HD Graphics 530<ul style="list-style-type: none"><li>- Dynamic frequency</li><li>- Intel Dynamic Video Memory Technology</li><li>- Microsoft DirectX® 12 compatible</li></ul></li></ul>
Storage	<ul style="list-style-type: none"><li>•Two changeable 2.5" HDD/SSD, SATA interface (RAID 0/1)<ul style="list-style-type: none"><li>- 1st 7mm(H)</li><li>- 2nd 7mm(H) / 9.5mm(H)</li></ul></li><li>•(Factory Option) Two M.2 2280 SSD, SATA interface (RAID 0/1) or One M.2 2280 SSD, PCIe Gen3x4 interface</li></ul>
Audio	<ul style="list-style-type: none"><li>•High Definition Audio</li><li>•S/PDIF digital output</li><li>•Built in array microphone</li><li>•Built in two 2W speakers</li><li>•Built in one subwoofer speaker</li><li>•SOUND BLASTER® X-FI® MB5</li><li>•External 5.1CH audio output supported by headphone, microphone, and S/PDIF jack</li><li>•ANSP™ 3D sound technology on headphone output</li></ul>
Keyboard and Pointing Device	<ul style="list-style-type: none"><li>•Multi languages white-LED illuminated full size keyboard with numeric pad</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>•4 x USB 3.0 ports (1 x powered USB port, AC/DC)</li><li>•2 x Mini 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 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 / RSMHC</li><li>- SD / mini SD / SDHC / SDXC</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</li><li>-2nd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 interface</li><li>-3rd for SSD M.2 2280 Card with SATA interface</li></ul></li></ul>
Communication	<ul style="list-style-type: none"><li>•Built in 10/100/1000Mb Base-TX Ethernet LAN</li><li>•(Factory Option) Intel® Dual Band Wireless-AC 8260, 2x2 AC +BT M.2 2230 (Snowfield)</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, 9.23A, 180W</li><li>•Embedded 4 cells Polymer battery pack, 60WH</li><li>•Battery life: 325 minutes (with UMA mode, 60WH Battery)</li></ul>
Security	<ul style="list-style-type: none"><li>•Kensington® Lock</li><li>•Intel ® PTT for system without hardware TPM</li><li>•(Factory Option) Finger print</li><li>•(Factory Option) TPM 2.0</li></ul>
Others Design	<ul style="list-style-type: none"><li>•Al-alloy</li><li>•Shipping Mode</li><li>•FlexiCharger</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	•417(W) x 287(D) x 29.98(H)mm
Weight	•3.2kg, Including Barebone and 60WH Battery



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