



# 17.3" Wide


## P671RS-G



### Advanced specifications for the demanding applications

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

# P671RS-G Specification

<b>Processor</b>	<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, 8MB Smart cache, TDP: 45W)</li> </ul> Support CPU over-clocking technology on i7-6820HK
<b>Core Logic</b>	• Mobile Intel® HM170 Express Chipset
<b>Display</b>	• 17.3" (43.94cm) FHD (1920x1080) 16:9 panel, 6.2mm
<b>Memory</b>	<ul style="list-style-type: none"> <li>• Dual channel DDR4</li> <li>• Four 260 pins SODIMM sockets, support DDR4 2133/2400 MHz (Real operation frequency depends on processor)</li> <li>• Expandable memory from 8GB to 64GB, depends on 4GB/8GB/16GB SODIMM module</li> <li>• Support XMP 2666 MHz (XMP support depends on processor and works in dual channel)</li> </ul>
<b>Video Controller</b>	<ul style="list-style-type: none"> <li>• NVIDIA® enthusiast graphic card</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> <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>
<b>Storage</b>	<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>
<b>Audio</b>	<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>• ESS™ SABRE HiFi DAC for high resolution headphone audio</li> <li>• External 5.1CH audio output supported by 2-in-1 Audio, microphone, and Line-out jacks</li> </ul>
<b>Keyboard and Pointing Device</b>	<ul style="list-style-type: none"> <li>• Multi languages white-LED illuminated full size keyboard with numeric pad</li> <li>• (Factory Option) Multi languages full color illuminated full size keyboard with numeric pad</li> <li>• Built in touch pad with Microsoft PTP multi-gesture and scrolling function</li> <li>• W/A/S/D gaming key</li> </ul>
<b>I/O ports</b>	<ul style="list-style-type: none"> <li>• 2 x USB 3.1 Gen 2 port (Type-C)</li> <li>• 3 x USB 3.0 ports (USB3.1 Gen1, 1 x powered USB port, AC/DC)</li> <li>• 2 x Mini Display port 1.3</li> <li>• 1 x HDMI™ output port (with HDCP)</li> <li>• 1 x 2-in-1 Audio jack (Headphone / S/PDIF Optical output)</li> <li>• 1 x Microphone jack</li> <li>• 1 x Line out jack</li> <li>• 1 x RJ-45 LAN port</li> <li>• 1 x DC-in jack</li> </ul> 
<b>Card Reader</b>	<ul style="list-style-type: none"> <li>• 6-in-1 Push-Push Card reader               <ul style="list-style-type: none"> <li>- MMC / RSMC</li> <li>- SD / mini SD / SDHC / SDXC</li> </ul> </li> </ul>
<b>Slot</b>	<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 x2 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 interface (M key)</li> </ul> </li> </ul>
<b>Communication</b>	<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 2230</li> <li>• 2.0M FHD video camera</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 11.8A, 230W</li> <li>• Embedded 4 cells Polymer battery pack, 60WH</li> <li>• Battery life: 310 minutes (with UMA mode, 60WH Battery)</li> </ul>
<b>Security</b>	<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>
<b>Others Design</b>	<ul style="list-style-type: none"> <li>• Al-alloy</li> <li>• Shipping Mode</li> <li>• FlexiCharger</li> <li>• Virtual Reality ready</li> <li>• Support Windows®10 Cortana with Voice</li> <li>• (Factory Option) USB drive</li> <li>• NVIDIA® G-SYNC™ Technology at dGPU mode</li> </ul>
<b>OS Support</b>	• Windows®10 (64-bit)
<b>Certificate</b>	<ul style="list-style-type: none"> <li>• Windows®10 (64-bit) Logo</li> <li>• HDMI™ Logo</li> </ul>
<b>Dimension</b>	• 417(W) x 287(D) x 29.98(H)mm
<b>Weight</b>	• 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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