




# 15.6" Wide

## P651HP6



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

Satisfy all your entertainment needs with this 15.6" 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!

<b>Processor</b>	<ul style="list-style-type: none"> <li>•7th generation Intel® processor</li> <li>Support CPU over clocking</li> </ul>	
<b>Core Logic</b>	<ul style="list-style-type: none"> <li>•New generation Intel® Chipset</li> </ul>	
<b>Display</b>	<ul style="list-style-type: none"> <li>•15.6" (39.62cm) UHD (3840x2160) / FHD (1920x1080) 16:9 panel, 3.5mm</li> </ul>	
<b>Memory</b>	<ul style="list-style-type: none"> <li>•Dual channel DDR4</li> <li>•Four 260 pins SODIMM sockets, support DDR4 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)</li> </ul>	
<b>Video Controller</b>	<ul style="list-style-type: none"> <li>•NVIDIA® GeForce GTX 1060 (N17E-G1) <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> <li>- GPU over clocking</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• 7th generation Intel® integrated VGA</li> </ul>
	<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>	
<b>Storage</b>	<ul style="list-style-type: none"> <li>•Two changeable 2.5" 7mm(H) HDD/SSD (RAID 0/1), or One changeable 2.5" 9.5mm(H) HDD/SSD, SATA interface</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>•SOUND BLASTER® X-FI® MB5</li> <li>•External 5.1CH audio output supported by 2-in-1 Audio,microphone,and Line-out jacks</li> <li>•ANSPTM 3D sound technology on headphone output</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 / RSMCMC</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 PCIex2 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 or LTE/UMTS/HSPA+ M.2 3042 Card with USB interface (B key)</li> </ul> </li> <li>Note: (Factory Option) LTE or 802.11AD antenna</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 8265, 2x2 AC +BT M.2 2230 (Windstorm Peak)</li> <li>•(Factory Option) Intel® Dual Band Wireless-AC 3168, 1x1 AC +BT M.2 2230 (Sandy Peak)</li> <li>•(Factory Option) Qualcomm® Atheros Killer™ Wireless-AC 1535 Dual Band 2x2 AC +BT M.2 2230</li> <li>•(Factory Option) Wireless LAN 802.11AD + Bluetooth v4.1 Combo M.2 2230 Card module</li> <li>•(Factory Option) UMTS/HSPA+ M.2 3042 Card module</li> <li>•(Factory Option) LTE M.2 3042 Card module</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 19V, 10.5A , 200W</li> <li>•Embedded 4 cells Polymer battery pack, 60WH</li> <li>•Battery life: 325 minutes (with UMA mode, 60WH Battery) (TBC)</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> </ul>	
<b>OS Support</b>	<ul style="list-style-type: none"> <li>•Windows®10 (64-bit)</li> </ul>	
<b>Certificate</b>	<ul style="list-style-type: none"> <li>•Windows®10 (64-bit) Logo</li> <li>•HDMI™ Logo</li> </ul>	
<b>Dimension</b>	<ul style="list-style-type: none"> <li>•385(W) x 271(D) x 25.4(H) mm</li> </ul>	
<b>Weight</b>	<ul style="list-style-type: none"> <li>•2.6Kg, Including Barebone and 60WH Battery</li> </ul>	