











## Advanced specifications for the demanding applications

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

## P651RA Specification

Processor	• 6th Generation Intel® Core™ processor
Core Logic	•Intel® 100 series Chipset
Display	•15.6" (39.62cm) QFHD (3840x2160) / FHD (1920x1080) 16:9 panel, 3.5mm
Memory	<ul> <li>Dual channel DDR3L</li> <li>Four 204 pins SODIMM sockets, support DDR3L 1600 MHz (Real operation frequency depends on processor)</li> <li>Expandable memory up to 32GB, depends on 4GB/8GB SODIMM module</li> </ul>
Video Controller	NVIDIA® Optimus Technology  NVIDIA® GeForce GTX 965M (N16E-GS)  2GB GDDR5 Video RAM  Support PCIe x16  Microsoft DirectX® 12 compatible  NVIDIA PhysX™  GeForce CUDA™ technology  6th Generation Intel® integrated VGA
Storage	• Two changeable 2.5" 7mm(H) HDD/SSD (RAID 0/1), or One changeable 2.5" 9.5mm(H) HDD/SSD, SATA interface • (Factory Option) Two M.2 2280 SSD, SATA interface (RAID 0/1) or One M.2 2280 SSD. PCIe Gen3x4 interface • High Definition Audio
Audio	<ul> <li>S/PDIF digital output</li> <li>Built in array microphone</li> <li>Built in two 2W speakers</li> <li>SOUND BLASTER® X-FI® new generation</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> <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> <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	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 -2nd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 interface -3rd for SSD M.2 2280 Card with SATA interface - (Factory Option) 3rd for LTE or UMTS/HSPA+ M.2 3042 Card with USB interface
Communication	<ul> <li>Built in 10/100/1000Mb Base-TX Ethernet LAN</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) Wireless LAN 802.11B/G/N + Bluetooth v4.0+LE 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>
Power Supply	<ul> <li>Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 7.7A, 150W</li> <li>Embedded 4 cells Polymer battery pack, 60WH</li> <li>Battery life: 325 minutes (with UMA mode, 60WH Battery) (TBC)</li> </ul>
Security	Kensington® Lock     Intel ® PTT for system without TPM     (Factory Option) Finger print     (Factory Option) TPM 2.0
Others Design	Al-alloy     Shipping Mode
OS Support	Windows®10      Windows®10 Logo
Certificate	Windows®10 Logo     HDMI <sup>™</sup> Logo      385(W) x 271(D) x 25(H)mm (TBC)
Dimension Weight	•385(W) x 271(D) x 25(H)HIIII (TBC) •2.5Kg, Including Barebone and 60WH Battery (TBC)
	22.5kg, filedding Barebone and down Battery (15C)

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