15.6" Wide
P651HS-G

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!

P651HS-G Specification

Processor	• 7th generation Intel® processor
Core Logic	• New generation Intel® Chipset
Display	• 15.6" (39.62cm) UHD (3840x2160) / FHD (1920x1080) 16:9 panel, 3.5mm
Memory	• Dual channel DDR4 • Four 260 pins SODIMM sockets, support DDR4 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® GeForce GTX 1070 (N17E-G2)
	  - 8GB GDDR5 Video RAM
	  - Support PCIe x16
	  - Microsoft DirectX® 12 compatible
	  - NVIDIA® PhysX®
	  - GeForce CUDA™ technology
	  - GPU over-clocking
	• 7th generation Intel® integtated VGA
	
	• 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 • SOUND BLASTER® X-FI® MB5 • ESS™ SABRE HiFi DAC for high resolution headphone audio • 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

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

Slot	• Four M.2 card slots
	  -1st for WLAN Combo M.2 2230 Card with PCIex2 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)
	  -4th for LTE/UMTS/HSPA+ M.2 3042 Card with USB interface (B key)
	  Note:(Factory Option) LTE or 802.11AD antenna

Communication	• Built in 10/100/1000Mb Base-TX Ethernet LAN • (Factory Option) Intel® Dual Band Wireless-AC 8265, 2x2 AC +BT M.2 2230 (Windstorm Peak) • (Factory Option) Intel® Dual Band Wireless-AC 3168, 1x1 AC +BT M.2 2230 (Sandy Peak) • (Factory Option) Qualcomm® Atheros Killer™ Wireless-AC 1535 Dual Band 2x2 AC +BT M.2 2230 • (Factory Option) Wireless LAN 802.11AD + Bluetooth v4.1 Combo M.2 2230 Card module • (Factory Option) UMTS/HSPA+ M.2 3042 Card module • (Factory Option) LTE M.2 3042 Card module • 2.0M FHD video camera
Power Supply	• Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 11.8A , 230W • Embedded 4 cells Polymer battery pack, 60WH • Battery life: 325 minutes (with UMA mode, 60WH Battery) (TBC)
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 • NVIDIA® G-SYNC™ Technology at dGPU mode • Virtual Reality ready • Support Windows®10 Cortana with Voice • (Factory Option) USB drive
OS Support	• Windows®10 (64-bit)
Certificate	• Windows®10 (64-bit) Logo • HDMI™ Logo
Dimension	• 385(W) x 271(D) x 28.8(H)mm
Weight	• 2.65Kg, Including Barebone and 60WH Battery

2016/11 Version

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