P955HQ1   Specification

Processor	• Intel® Core™ i7-7700HQ processor (14nm, 2.8GHz, DDR4 2400MHz, 6MB Smart cache, TDP: 45W)
Core Logic	• Mobile Intel® HM175 Express Chipset
Display	• 15.6" (39.62cm) UHD (3840x2160) / FHD (1920x1080) 16:9 panel, 3.2mm
Memory	• Dual channel DDR4 • Two 260 pins SODIMM sockets, support DDR4 2400 MHz (Real operation frequency depends on processor) • Expandable memory from 8GB to 32GB, depends on 4GB/8GB/16GB SODIMM module

Video Controller	• Intel® HD Graphics 630
	  - Dynamic frequency
	  - Intel Dynamic Video Memory Technology
	  - Microsoft DirectX® 12 compatible
	
	• NVIDIA® Quadro P3000 (N17E-Q1)
	  - 6GB GDDR5 Video RAM
	  - Support PCIe x16
	  - Microsoft DirectX® 12 compatible
	  - NVIDIA® PhysX®
	  - GeForce CUDA™ technology
	
	• Microsoft Hybrid Graphics mode
	• Support 4 active displays
	• Support NVIDIA® Surround View via HDMI x1 and miniDP x2

Storage	• One changeable 2.5" 7mm(H) HDD/SSD, SATA interface • (Factory Option) One M.2 2280 SSD, SATA / PCIe Gen3x4 interface
Audio	• High Definition Audio • S/PDIF digital output • Built in array microphone • Built in two speakers • Sound Blaster® Cinema 3 • ANSP™ 3D sound technology on headphone output
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 • (Factory Option) Built in Secure pad or Touch pad with Microsoft PTP multi-gesture and scrolling function • W/A/S/D Gaming key on full color illuminated keyboard
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 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 up to UHS-ll

Slot	• Three M.2 card slots
	  -1st for WLAN Combo M.2 2230 Card with PCIe and USB interface (A key)
	  -2nd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 interface (M key)
	  -3rd for LTE/UMTS/HSPA+ M.2 3042 Card with USB interface (B key)

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) 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 19V, 7.89A , 150W • Embedded 4 cells Polymer battery pack, 55WH • Battery life: 410 minutes (with UMA mode, 55WH Battery)
Security	• Security (Kensington® Type) Lock Slot • Intel® PTT for system without Hardware TPM • (Factory Option) Area finger print • (Factory Option) TPM 2.0
Others Design	• Metal (A/C/D) • Shipping Mode • FlexiCharger • Support Windows®10 Cortana with Voice • Intel® Optane™ Technology • (Factory Option) USB drive
OS Support	• Windows®10 (64-bit)
Certificate	• Windows®10 (64-bit) Logo • HDMI™ Logo
Dimension	• 380(W) x 255(D) x 18.6(H)mm
Weight	• 1.98Kg, Including Barebone and 55WH Battery

HDMI™

2017/09 Version

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