


PA71HP6-G Specification

Processor	<ul style="list-style-type: none"> • Intel® Core™ i7-7820HK processor (14nm, 2.9GHz, DDR4 2400MHz, 8MB Smart cache, TDP: 45W) • Intel® Core™ i7-7700HQ processor (14nm, 2.8GHz, DDR4 2400MHz, 6MB Smart cache, TDP: 45W)
Core Logic	• Mobile Intel® HM175 Express Chipset
Display	• 17.3" (43.94cm) UHD (3840x2160) / QHD (2560x1440) / FHD (1920x1080) 16:9 panel, 4.0mm
Memory	<ul style="list-style-type: none"> • 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 • Support XMP 2666 / 3000 MHz (XMP support depends on processor)
Video Controller	<ul style="list-style-type: none"> • Intel® HD Graphics 630 <ul style="list-style-type: none"> - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible • NVIDIA® GeForce GTX 1060 (N17E-G1) <ul style="list-style-type: none"> - 6GB GDDR5 Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - NVIDIA® PhysX® - GeForce CUDA™ technology - GPU over clocking
	<ul style="list-style-type: none"> • Microsoft Hybrid Graphics mode or dGPU mode • Support 4 active displays • Support NVIDIA® Surround View via HDMI x1 and miniDP x2
Storage	<ul style="list-style-type: none"> • One changeable 2.5" 7mm/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
Audio	<ul style="list-style-type: none"> • High Definition Audio • S/PDIF digital output • Built in array microphone • Built in two 2W speakers • Built in one 4W subwoofer speaker • Sound BlasterX® Pro-Gaming 360° • ANSP™ 3D sound technology on headphone output • External 5.1CH audio output supported by 2-in-1 Audio, microphone and headphone jacks
Keyboard and Pointing Device	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 4 x USB 3.0 ports (USB3.1 Gen1, 1 x powered USB port, AC/DC) • (Factory Option) 1 x USB 3.0 (USB3.1 Gen1) port (Type-C) or 1x Thunderbolt™ 3 port • 2 x Mini Display ports 1.3 • 1 x HDMI™ output port (with HDCP) • 1 x 2-in-1 Audio jack (Line out / S/PDIF Optical output) • 1 x Microphone jack • 1 x Headphone jack • 1 x RJ-45 LAN port • 1 x DC-in jack
	
Card Reader	<ul style="list-style-type: none"> • 6-in-1 Push-Push Card reader <ul style="list-style-type: none"> - MMC / RSMMC - SD / mini SD / SDHC / SDXC up to UHS-II
Slot	<ul style="list-style-type: none"> • Three M.2 card slots <ul style="list-style-type: none"> -1st for WLAN Combo M.2 2230 Card with PCIe x2 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)
Communication	<ul style="list-style-type: none"> • 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 • 2.0M FHD video camera
Power Supply	<ul style="list-style-type: none"> • Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19V, 10.5A, 200W • Embedded 4 cells Polymer battery pack, 66WH • Battery life: 300 minutes (with UMA mode, 66WH Battery) (TBC)
Security	<ul style="list-style-type: none"> • Security (Kensington® Type) Lock Slot • Intel® PTT for system without hardware TPM • (Factory Option) Area Finger print • (Factory Option) TPM 2.0
Others Design	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Windows®10 (64-bit) Logo • HDMI™ Logo
Dimension	• 418.5(W) x 287(D) x 24.9(H)mm (TBC)
Weight	• 3.0kg, Including Barebone and 66WH Battery (TBC)

2017/05 Version

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