


17.3" *Wide*

P870KM-G



Advanced specifications for the demanding applications

Satisfy all your entertainment needs with this 15.6" laptop. Equipped with NVIDIA Enthusiast Graphics and G-SYNC technology, and SOUND BLASTER X-Fi MB5 system, an extremely versatile laptop is ready to rock your world!

Processor	<ul style="list-style-type: none"> •7th generation Intel® processors •Support CPU over clocking depends on CPU SKU (Both of base frequency and ratio)
Core Logic	<ul style="list-style-type: none"> •7th generation Intel® Chipset
Display	<ul style="list-style-type: none"> •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 •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 2666/3000 MHz (XMP support depends on processor and works in dual channel)
Video Controller	<ul style="list-style-type: none"> •NVIDIA® GeForce GTX 1080 (N17E-G3) <ul style="list-style-type: none"> - 8GB GDDR5X Video RAM - Support PCIe x8 - Microsoft DirectX® 12 compatible - MXM3.0 - NVIDIA® PhysX® - GeForce CUDA™ technology - Support 4 active displays - Support NVIDIA® Surround View - GPU over-clocking •NVIDIA® GeForce GTX 1070 (N17E-G2) <ul style="list-style-type: none"> - 8GB GDDR5 Video RAM - Support PCIe x8 - Microsoft DirectX® 12 compatible - MXM3.0 - NVIDIA® PhysX® - GeForce CUDA™ technology - Support 4 active displays - Support NVIDIA® Surround View - GPU over-clocking - Support NVIDIA® SLI® Technology
Storage	<ul style="list-style-type: none"> •Two changeable 2.5" 7mm/9.5mm(H) HDD/SSD, SATA interface (RAID 0/1) •(Factory Option) Three M.2 2280 SSD PCIe Gen3 x4 interface (RAID 0/1) or Two M.2 2280 SSD SATA interface (RAID 0/1)
Audio	<ul style="list-style-type: none"> •High Definition Audio •S/PDIF digital output •Built in array microphone •Built in two speakers •Built in one subwoofer speaker •SOUND BLASTER® X-FI® MB5 •ESS™ SABRE HiFi DAC for high resolution headphone audio •External 7.1CH audio output supported by 2-in-1 Audio, Microphone, Line-in and Line-out jacks
Keyboard and Pointing Device	<ul style="list-style-type: none"> •Multi languages full color illuminated full size keyboard with numeric pad and anti-ghost keys •Built in Secure pad with Microsoft PTP multi-gesture and scrolling function •W/A/S/D gaming key
I/O ports	<ul style="list-style-type: none"> •5 x USB 3.0 ports (USB3.1 Gen1, 1 x powered USB port, AC/DC) •2 x USB 3.1 Gen2 / Thunderbolt™ 3 combo ports (Type-C) •2 x Mini Displayport 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 Line-in jack •2 x RJ-45 LAN port (Killer DoubleShot™ Pro) •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 / RSMC - SD / mini SD / SDHC / SDXC up to UHS-II
Slot	<ul style="list-style-type: none"> •Four 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 Gen3 x4 interface (M key) -3rd for SSD M.2 2280 Card with SATA / PCIe Gen3 x4 interface (M key) -4th for SSD M.2 2280 Card with PCIe Gen3 x4 interface (M key)
Communication	<ul style="list-style-type: none"> •Built in Qualcomm® 10/100/1000Mb Base-TX Ethernet LAN •(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"> •Dual Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 11.8A, 230W with Power Converter Box AC-200 •Embedded 8 cells Smart Lithium-Ion battery pack, 89WH •Battery life: 180 min (with NVIDIA® GeForce GTX 1070 single, 89WH battery) (TBC)
Security	<ul style="list-style-type: none"> •Kensington® Lock •Area finger print •TPM 2.0
Others Design	<ul style="list-style-type: none"> •Painting •Shipping Mode •FlexiCharger •Killer DoubleShot-X3™ Pro with Killer™ Wireless-AC 1535 module •Virtual Reality ready •Support Windows®10 Cortana with Voice •NVIDIA® G-SYNC™ Technology •(Factory Option) USB drive
OS Support	<ul style="list-style-type: none"> •Windows®10 (64-bit)
Certificate	<ul style="list-style-type: none"> •Windows®10 (64-bit) Logo •HDMI™ Logo
Dimension	<ul style="list-style-type: none"> •428(W) x 308(D) x 47.2(H) mm (TBC)
Weight	<ul style="list-style-type: none"> •4.8kg, Including Barebone, VGA single card and 89WH Battery (TBC)