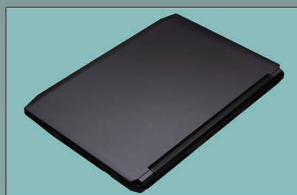


14" Wide


P641RE



Advanced specifications for the demanding applications

Satisfy all your entertainment needs with this 14" laptop. Equipped with NVIDIA GeForce GTX 970M Graphic Card technology, and SOUND BLASTER X-Fi MB5 system, an extremely versatile laptop is ready to rock your world!

P641RE Specification

Processor	<ul style="list-style-type: none"> •Intel® Core™ i7-6820HK processor (14nm, 2.7GHz, DDR4 2133MHz, 8MB Smart cache, TDP: 45W) •Intel® Core™ i7-6700HQ processor (14nm, 2.6GHz, DDR4 2133MHz, 6MB Smart cache, TDP: 45W) Support Intel® XTU over-clocking technology on i7-6820HK
Core Logic	•Mobile Intel® HM170 Express Chipset
Display	•14.0" (35.56cm) QHD (2560x1440) / FHD (1920x1080) 16:9 panel, 3mm
Memory	<ul style="list-style-type: none"> •Dual channel DDR4 •Two 260 pins SODIMM sockets, support DDR4 2133 MHz (Real operation frequency depends on processor) •Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM module
Video Controller	<ul style="list-style-type: none"> •Microsoft Hybrid Graphics •Support 4 active displays
	<ul style="list-style-type: none"> •NVIDIA® GeForce GTX 970M (N16E-GT) <ul style="list-style-type: none"> - 3GB GDDR5 Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - NVIDIA PhysX® - GeForce CUDA™ technology •Intel® HD Graphics 530 <ul style="list-style-type: none"> - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible
Storage	<ul style="list-style-type: none"> •One changeable 2.5" 7mm(H) HDD/SSD, SATA interface •(Factory Option) One M.2 2280 SSD, SATA or 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 •SOUND BLASTER® X-FI® MB5 •ANSP™ 3D sound technology on headphone output •External 5.1CH audio output supported by headphone, microphone, and S/PDIF jack
Keyboard and Pointing Device	<ul style="list-style-type: none"> •Multi languages white-LED illuminated A4 size keyboard •Built in touch pad with multi-gesture and scrolling function •W/A/S/D gaming key
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) •2 x Mini Display port 1.2 •1 x HDMI™ output port (with HDCP) •1 x Headphone jack •1 x Microphone jack •1 x S/PDIF output 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
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 and USB interface (A key) -2nd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 interface (M key) - (Factory Option) 3rd for LTE or UMTS/HSPA+ M.2 3042 Card with USB interface (B key)
Communication	<ul style="list-style-type: none"> •Built in 10/100/1000Mb Base-TX Ethernet LAN •(Factory Option) Intel® Dual Band Wireless-AC 8260, 2x2 AC +BT M.2 2230 (Snowfield) •(Factory Option) Intel® Wireless-N 7265, 2x2 BGN +BT M.2 2230 (Stone Peak 2) •(Factory Option) Intel® Dual Band Wireless-AC 3165, 1x1 AC +BT M.2 2230 (Stone Peak 1) •(Factory Option) Qualcomm® Atheros Killer™ Wireless-AC 1535 Dual Band 2x2 AC +BT M.2 1630 •(Factory Option) Wireless LAN 802.11B/G/N + Bluetooth v4.0+LE 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	<ul style="list-style-type: none"> •Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 9.23A , 180W •Embedded 3 cells Polymer battery pack, 45WH •Battery life: 290 minutes (with UMA mode, 45WH Battery)
Security	<ul style="list-style-type: none"> •Kensington® Lock •Intel® PTT for system without hardware TPM •(Factory Option) TPM 2.0
Others Design	<ul style="list-style-type: none"> •Al-alloy •Shipping Mode •FlexiCharger •Virtual Reality ready on dGPU miniDP port
OS Support	•Windows®10 (64-bit)
Certificate	<ul style="list-style-type: none"> •Windows®10 (64-bit) Logo •HDMI™ Logo
Dimension	•349(W) x 247(D) x 25.4(H)mm
Weight	•2.0Kg, Including Barebone and 45WH Battery

2016/02 Version

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