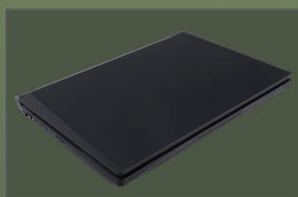




17.3" Wide

P177SM-A



Advanced specifications for the demanding applications

Satisfy all your entertainment needs with this 17.3" laptop. Equipped with NVIDIA New Graphic Card technology, and SOUND BLASTER X-Fi MB3 system, an extremely versatile laptop is ready to rock your world!

P177SM-A Specification

Processor	- Intel® Core™ i7-4940MX processor Extreme Edition (22nm, 3.10GHz, DDR3L-1600MHz, 8MB L3 cache, TDP: 57W) - Intel® Core™ i7-4930MX processor Extreme Edition (22nm, 3.00GHz, DDR3L-1600MHz, 8MB L3 cache, TDP: 57W) - Intel® Core™ i7-4910MQ processor (22nm, 2.90GHz, DDR3L-1600MHz, 8MB L3 cache, TDP: 47W) - Intel® Core™ i7-4900MQ processor (22nm, 2.80GHz, DDR3L-1600MHz, 8MB L3 cache, TDP: 47W) - Intel® Core™ i7-4810MQ processor (22nm, 2.80GHz, DDR3L-1600MHz, 6MB L3 cache, TDP: 47W) - Intel® Core™ i7-4800MQ processor (22nm, 2.70GHz, DDR3L-1600MHz, 6MB L3 cache, TDP: 47W) - Intel® Core™ i7-4700MQ processor (22nm, 2.40GHz, DDR3L-1600MHz, 6MB L3 cache, TDP: 47W) - Intel® Core™ i7-4610M processor (22nm, 3.0GHz, DDR3L-1600MHz, 4MB L3 cache, TDP: 37W) - Intel® Core™ i7-4600M processor (22nm, 2.90GHz, DDR3L-1600MHz, 4MB L3 cache, TDP: 37W) - Intel® Core™ i5-4340M processor (22nm, 2.90GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) - Intel® Core™ i5-4330M processor (22nm, 2.80GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) - Intel® Core™ i5-4300M processor (22nm, 2.70GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) - Intel® Core™ i5-4310M processor (22nm, 2.60GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) - Intel® Core™ i5-4200M processor (22nm, 2.50GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) - Intel® Core™ i3-4100M processor (22nm, 2.50GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) - Intel® Core™ i3-4000M processor (22nm, 2.40GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W)	
Core Logic	• Mobile Intel® HM87 Express Chipset	
Display	• 17.3" (43.94cm) FHD (1920x1080) 16:9 panel	
Memory	• Dual channel DDR3L • Four 204 pins SODIMM sockets, support DDR3L 1600 MHz (Real operation frequency depends on processor) • Two DIMMs per channel option is only available in 4 cores processor • Expandable memory up to 16GB/32GB, depends on 2GB/4GB/8GB SODIMM module	
Video Controller	• Intel® HD Graphics 4600 - Dynamic frequency - Intel Dynamic Video Memory Technology up to 1.7GB - Microsoft DirectX® 11 compatible	• NVIDIA® Geforce GTX 880M (N15E-GX) - 8GB GDDR5 Video RAM - Support PCIe x 16 - Microsoft® DirectX® 11.2 compatible - MXM 3.0 TypeB - NVIDIA PhysX® - GeForce CUDA™ Technology
	• NVIDIA® Geforce GTX 870M (N15E-GT) - 6GB GDDR5 Video RAM - Support PCIe x 16 - Microsoft® DirectX® 11.2 compatible - MXM 3.0 TypeB - NVIDIA PhysX® - GeForce CUDA™ Technology	• NVIDIA® Geforce GTX 860M (N15P-GX-B) - 4GB GDDR5 Video RAM - Support PCIe x 16 - Microsoft® DirectX® 11.2 compatible - MXM 3.0 TypeB - NVIDIA PhysX® - GeForce CUDA™ Technology
	• NVIDIA® Geforce GTX 870M (N15E-GT/3G) - 3GB GDDR5 Video RAM - Support PCIe x 16 - Microsoft® DirectX® 11.2 compatible - MXM 3.0 TypeB - NVIDIA PhysX® - GeForce CUDA™ Technology	• NVIDIA® Quadro K3100M (N15E-Q1) - 4GB GDDR5 Video RAM - Support PCIe x16 - Microsoft DirectX® 11.1 compatible - MXM3.0 Type B - OpenGL 4.3
	• NVIDIA® Quadro K1100M (N15P-Q1) - 2GB DDR3 Video RAM - Support PCIe x16 - Microsoft DirectX® 11.1 compatible - MXM3.0 Type A - OpenGL 4.3	• AMD Radeon™ R9 M290X (Neptune XT) - 4GB GDDR5 Video RAM - Support PCIe x16 - Microsoft DirectX® 11.1 compatible - MXM3.0 Type B
	• Microsoft Hybrid Graphics • GPU switchable between iGPU and dGPU	
Storage	• (Factory option) One changeable 12.7mm(H) Super Multi/ Blu-ray Combo/ Blu-ray Writer ODD, SATA interface • Two changeable 2.5" 7.0mm(H) / 9.5 mm(H) HDD/SSD, SATA interface (RAID 0/1) • (Factory Option) Two mSATA SSD, SATA interface (RAID 0/1)	
Audio	• High Definition Audio • S/PDIF digital output • Built in microphone • Built in two speakers • Built in one subwoofer speaker • ANSP™ 3D sound technology on headphone output • SOUND BLASTER® X-FI® MB3 • External 7.1CH audio output supported by headphone, microphone, Line-in and S/PDIF jack	
Keyboard and Pointing Device	• Multi languages illuminated full size keyboard with numeric pad • Built in illuminated or unilluminated touch pad with multi-gesture and scrolling function • W/A/S/D gaming key	
I/O ports	• 1 x USB 2.0 port • 2 x USB 3.0 ports (1 x powered USB port, AC/DC) • 1 x eSATA / USB 3.0 combo port • 1 x Mini IEEE 1394a port • 1 x Display port 1.2 • 1 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 Line-in jack • 1 x RJ-45 LAN port • 1 x DC-in jack	
Card Reader	• 9-in-1 Push-Push Card reader - MMC / RSMHC - SD / mini SD / SDHC / SDXC - MS / MS Pro / MS Duo	
Slot	• Three Mini Card slots -1st for WLAN Combo Half size Mini Card with PCIe and USB interface -2nd for mSATA SSD Full size Mini Card with SATA interface -3rd for mSATA SSD Full size Mini Card with SATA interface	
Communication	• Built in 10/100/1000Mb Base-TX Ethernet LAN • (Factory Option) Intel® Centrino® Ultimate-N 6300 (Puma Peak) 3x3 AGN • (Factory Option) Intel® Dual Band Wireless-AC 7260, 2x2 AC +BT HMC (Wilkins Peak) • (Factory Option) Intel® Wireless-N 7260, 2x2 BGN +BT HMC (Wilkins Peak) • (Factory Option) Qualcomm® Atheros Killer™ Wireless-N 1202 Dual Band 2x2 ABGN+BT HMC • (Factory Option) Wireless LAN 802.11B/G/N + Bluetooth v4.0+LE Combo Half Mini 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 • Removable 8 cells Smart Lithium-Ion battery pack, 76.96WH • Battery life: 300 minutes (with UMA mode, 76.96WH Battery)	
Security	• Kensington® Lock • (Factory Option) Finger print • (Factory Option) TPM 1.2	
Others Design	• Rubber painting • Intel ® Rapid Start Technology • Intel ® Smart Response Technology	
OS Support	• Windows® 8.1 (64-bit)	
Certificate	• Windows® 8.1 (64-bit) Logo • HDMI™ Logo	
Dimension	• 414 (W)x286 (D)x25.3~46.1 (H)mm	
Weight	• 4.1Kg,including Barebone, ODD and 76.96WH Battery	



Remark:

Battery life may vary depending on applications and configuration.

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