




13.3" *Wide* W230SD



Professional models with better graphic performance.

Powered by the highest NVIDIA Graphic Card, SOUND BLASTER Cinema 2 and backlight keyboard, W230SD could be able to fulfill your need.

Processor	<ul style="list-style-type: none"> • Intel® Core™ i7-4910MQ processor (22nm, 2.90GHz, DDR3L-1600MHz, 8MB L3 cache, TDP: 47W) • Intel® Core™ i7-4810MQ processor (22nm, 2.80GHz, DDR3L-1600MHz, 6MB L3 cache, TDP: 47W) • Intel® Core™ i7-4710MQ processor (22nm, 2.50GHz, DDR3L-1600MHz, 6MB L3 cache, TDP: 47W) • Intel® Core™ i7-4712MQ processor (22nm, 2.30GHz, DDR3L-1600MHz, 6MB L3 cache, TDP: 37W) • Intel® Core™ i7-4610M processor (22nm, 3.0GHz, DDR3L-1600MHz, 4MB L3 cache, TDP: 37W) • Intel® Core™ i5-4340M processor (22nm, 2.90GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) • Intel® Core™ i5-4310M processor (22nm, 2.70GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) • Intel® Core™ i5-4210M processor (22nm, 2.60GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) • Intel® Core™ i3-4110M processor (22nm, 2.60GHz, DDR3L-1600MHz, 3MB L3 cache, TDP: 37W) 	
Core Logic	• Mobile Intel® HM87 Express Chipset	
Display	<ul style="list-style-type: none"> • 13.3" (33.78cm) QHD+ (3200x1800) 16:9 panel, 2.6mm ~ 2.8mm • 13.3" (33.78cm) WQHD (2560x1440) 16:9 panel, 2.6mm ~ 2.8mm • 13.3" (33.78cm) FHD (1920x1080) 16:9 panel, 2.6mm ~ 2.8mm 	
Memory	<ul style="list-style-type: none"> • Dual channel DDR3L • Two 204 pins SODIMM sockets, support DDR3L 1600MHz (Real operation frequency depends on processor) • Expandable memory up to 16GB, depends on 2GB /4GB/8GB SODIMM module 	
Video Controller	<ul style="list-style-type: none"> • Intel® HD Graphics 4600 (GPU type Depends on Processor) <ul style="list-style-type: none"> - Dynamic frequency - Intel Dynamic Video Memory Technology up to 1.7GB - Microsoft DirectX® 11.1 compatible 	<ul style="list-style-type: none"> • NVIDIA® next generation graphic
	<ul style="list-style-type: none"> • Microsoft Hybrid Graphics • GPU switchable between iGPU and dGPU 	
Storage	<ul style="list-style-type: none"> • One changeable 2.5" 9.5mm(H) / 7mm(H)HDD, SATA interface • (Factory Option) mSATA SSD, SATA interface 	
Audio	<ul style="list-style-type: none"> • High Definition Audio • Built in microphone • Built in two speakers • Sound Blaster™ Cinema 2 • ANSP™ 3D sound technology on headphone output 	
Keyboard and Pointing Device	<ul style="list-style-type: none"> • Multi languages isolated illuminated keyboard • Built in touch pad with multi-gesture and scrolling function 	
I/O ports	<ul style="list-style-type: none"> • 1 x USB 2.0 port • 3 x USB 3.0 ports(1x powered USB port, AC/DC) • 1 x HDMI™ output port (with HDCP) • 1 x external VGA port • 1 x Headphone jack • 1 x Microphone 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 / RSMCMC - SD / Mini SD / SDHC / SDXC 	
Slot	<ul style="list-style-type: none"> • Three Mini Card slot <ul style="list-style-type: none"> - 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 (Factory Option)3rd for LTE or UMTS/HSPA+ Mini-card interface adapter for M.2 3042 card with USB interface 	
Communication	<ul style="list-style-type: none"> • Built in 10/100/1000Mb Base-TX Ethernet LAN • (Factory Option) Intel® Wireless-N 7260, 2x2 BGN +BT HMC (Wilkins Peak 2) • (Factory Option) Intel® Dual Band Wireless-AC 7260, 2x2 AC +BT HMC (Wilkins Peak 2) • (Factory Option) Intel® Dual Band Wireless-AC 3160, 1x1 AC +BT HMC (Wilkins Peak 1) • (Factory Option) Wireless LAN 802.11B/G/N + Bluetooth v4.0+LE Combo Half Mini Card module • (Factory Option) Wireless LAN 802.11B/G/N Half Mini Card module. • (Factory Option) LTE or UMTS/HSPA+ M.2 3042 card with USB interface • 1M HD/2M 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, 6.15A, 120W • Removable 6 cells Smart Lithium-Ion battery pack, 62.16WH • Battery life : 330 minutes(UMA mode with 62.16WH battery) (TBC) 	
Security	<ul style="list-style-type: none"> • Kensington® Lock • (Factory Option)TPM 2.0 	
Others Design	<ul style="list-style-type: none"> • Painting • Intel ® Rapid Start Technology • Intel ® Smart Response Technology 	
OS Support	• Windows® 8.1 (64-bit)	
Certificate	<ul style="list-style-type: none"> • Windows® 8.1 (64-bit) Logo • HDMI Logo 	
Dimension	• 330 (W) x 227 (D) x 31.9 (H) mm	
Weight	• 2.0kg, Including Barebone and 62.16WH Battery (TBC)	