



# FULL IP66 Fanless Panel PC

Rugged Completely Sealed Full IP66/NEMA4X Stainless Steel Chassis/Surface Mount

21.5" Wide LCD monitor , Resolution 1920 x 1080, 1000 nits, WV(178°/178°), WT(0°/50°) with 3mm AR glass, Intel Core i5-3610ME Processor (3M Cache, 3.30 GHz) installed Integrated in Fanless , Memory 4GB, 32 GB SSD, Water proof cable: 1 x COM, 1 x VGA, 2 x USB, 1 x LAN, 1 x Power

**Model: ECHW2150WTHB-SIP-i5**



## FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Intel® Core i3 / i5 / i7 Processors
- Intel® H61
- 2 x DDR3 1333/1600MHz SO-DIMM Slot (up to 16GB)
- 1 x COM, 1 x VGA, 2 x USB, 1 x LAN, 1 x Power
- IP66 Compliant



High Brightness

Wide Viewing

Wide TEMP

## SPECIFICATIONS:

<b>Panel</b>	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	Wide / 21.5" viewable diagonal area
	Active Area / Pixel Pitch	476.64(H) x 268.11(V) mm / 0.248(H) x 0.248(V) mm
	Native Resolution / Colors	1920(H) x 1080(V) / 16.7M
	Brightness / Contrast	1000 cd/m2 (typ) / 3000 : 1
	Response Time	≤ 25 ms
	Viewing Angle (typical)	H:178o (- 89o ~ + 89o) , V: 178o (- 89o ~ + 89o )
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
<b>System</b>	CPU	Intel® Core i3 / i5 / i7 Processors
	BIOS	UEFI
	System / Graphic Chipset	Intel® HD Graphics (By CPU); Shared Memory
	System Memory	2 x DDR3 1333/1600MHz SO-DIMM Slot (up to 16GB)
	HDD	4 x SATA2
	I/O port	1 x VGA
		2 x USB
1 x COM		
1 x LAN		
Expansion	N / A	
<b>Power</b>	Power Input	9-19V DC-In (4-pin ATX PWR Con)
	Power Consumption	72Watt, <1 Watt
<b>Operating Condition</b>	Temperature / Humidity	0o C ~ 50o C (32o F ~ 122o F) , 10% ~ 90% (no condensation)
<b>Dimensions</b>	Physical	Please refer to Drawing
	Carton	W x H x D = TBD

Options	Touch	Video / TV	Enhanced Panel	Others
	Resistive touch	SV + AV	Panel with LED backlight	Digital Signage(Stand alone)
	Capacitive touch	SV + AV + AV_Looping	High brightness panel	Networking Digital Signage
	SAW touch	SV + AV + TV	Wide Temperature	Motion Sensor
	Infrared touch		Sunlight Readable	Light Sensor
	Protected glass			Auto-Dimming

## LCD OPTIONS



### Optical Bonding Options

- Optical Bonding provides the best reduction of ambient light washout of any commercially available enhancement technology.
- Optical Bonding has a lower cost than most other competing technologies.
- Optical Bonding offers superior ruggedization, enhancing the display durability under vibration, shock and other environmental extremes.



### RS-232 Remote Control Options

**Remote Control Protocol: Command Code to set system**



### 9-36V DC Input Options

iTech offers a selection of DC input from 9V to 36V



**Light Sensor and Motion Sensor Options**  
iTech LCD offers Light and Motion Sensor

## Privacy Filter

Front Glass Options:

- Anti Reflective AR Glass 3mm
- Anti Reflective AR Glass 6mm Vandal-Resistance
- Anti Reflective AR Glass 8mm Vandal-Resistance
- Anti Glare AG Glass 3mm

## DRAWINGS:

