



# 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 Atom BayTrail, Celeron-J1900 quad cores processor, 2.0GHz Integrated in Fanless , Memory 4GB, 32 GB SSD, Water proof cable: Power x1, VGA x 1 output, RS232 + Audio, LAN x 2, USB x 3 with **5 Wire Resistive Touch Screen and USB Controller**

Controller

**Model: ECHW2150WTHB-SIP-BT-TR**



## FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Intel® Atom Baytrail
- Intel® Celeron J1900
- Dual Channel DDR3 1333 MHz SDRAM, Max up to 8GB
- Power x1, VGA x 1 output, RS232 + Audio, LAN x 2, USB x 3
- IP66 Compliant



High Brightness



Wide Viewing



Wide TEMP

## SPECIFICATIONS:

Panel	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)
System	CPU	Intel® Celeron J1900 Processor
	BIOS	UEFI
	System / Graphic Chipset	Intel® Gen7 Intel Graphics DX 11*, OGL3.2
	System Memory	Dual Channel DDR3 1333 MHz SDRAM, Max up to 8GB
	HDD	2 x SATA
	I/O port	1 x VGA
		2 x USB
1 x COM		
1 x LAN		
Expansion	N / A	
Power	Power Input	9-19V DC-In (4-pin ATX PWR Con)
	Power Consumption	37Watt, <1 Watt
Operating Condition	Temperature / Humidity	0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)
Dimensions	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



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## 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:

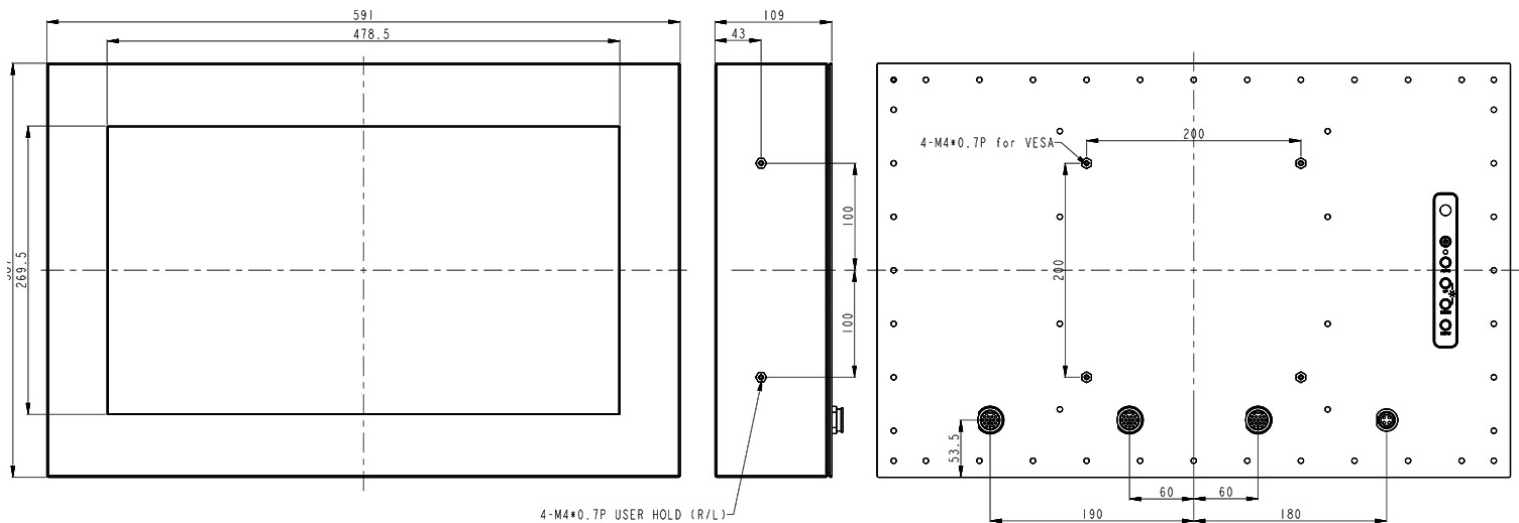


PHOTO GALLERY:

