



FULL IP66 Fanless Panel PC

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



8.4" LCD monitor , Resolution 800 x 600, 350 nits, 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: 1 x COM, 1 x VGA, 2 x USB, 1 x LAN, 1 x Power

Model: ECH0840-SIP-BT

FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Intel® Atom Baytrail-M/D Chipset
- Intel® Celeron J1900
- Single Channel DDR3L 1333 MHz SDRAM
- 1 x COM, 1 x VGA, 2 x USB, 1 x LAN, 1 x Power
- IP66 Compliant



SPECIFICATIONS:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	4 : 3 / 8.4" viewable diagonal area
	Active Area / Pixel Pitch	170.4(H) x 127.8(V) mm / 0.213(H) x 0.213(V) mm
	Native Resolution / Colors	800(H) x 600(V) / 262 K
	Brightness / Contrast	350 cd/m ² (typ) / 600 : 1
	Response Time	≤ 30 ms
	Viewing Angle (typical)	H: 160o (- 80o ~ + 80o) , V: 140o(- 70o ~ + 70o)
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
System	CPU	Intel® Celeron J1900
	BIOS	AMI
	System / Graphic Chipset	Intel® Atom Baytrail-M/D Chipset
	System Memory	Single Channel DDR3L 1333 MHz SDRAM
	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	12V DC-IN (Lockable connector)
	Power Consumption	33.9Watt, <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



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:

