

# MILITARY GRADE RUGGED IP65 PANEL-MOUNT PANEL-PC

IP65 Front Side, Panel-Mount Panel-PC 8.4"-800x600, LED-350nits,  
 Operating Temp (-10~55°C) Intel Baytrail system chipset with Celeron-  
 J1900-CPU, Fanless 4GB DRAM, 64GB(MLC) SSD, without-OS  
 Rear I/O-Ports = 1\*VGA + 1\*HDMI + 2\*USB3.0 + 2\*Gigabit LAN  
 Front protected glass 6mm Aluminum front bezel with anodized surface  
 treatment External Power Adapter with 110/220VAC auto-switch  
 Mil Grade (461, 810), entry level method

**MODEL: EMPMW0840-J**



## 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 HDMI, 1 x VGA, 2 x USB, 2 x LAN
- IP65 front side sealed for water-dust proof

## SPECIFICATIONS:

<b>Panel</b>	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 <sup>2</sup> (typ) / 600 : 1
	Response Time	< 30 ms
	Viewing Angle (typical)	H. 160° (- 80° ~ + 80°) , V. 140° (- 70° ~ + 70°)
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
<b>System</b>	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 HDMI
		2 x USB 3.0
1 x VGA		
2 x LAN		
Expansion	1 x Mini PCI-e	
<b>Power</b>	Power Input	External Power Adapter with 110/220VAC auto-switch
	Power Consumption	20.68 Watt, <1 Watt
<b>Operating Condition</b>	Temperature / Humidity	- 10°C ~ 55°C , 10% ~ 90% (no condensation)
<b>Dimensions</b>	Physical	Please refer to Drawing
	Carton	W x H x D = TBD

<b>Options</b>	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
	Infrared touch	SV + AV + TV	Wide Temperature	Motion Sensor
	Protected glass		Sunlight Readable	Light Sensor
				Auto-Dimming

## LCD OPTIONS:



### LED Backlight Options

Introducing LED backlight options for monitors for energy efficiency and a brighter screen.



### VIDEO Input Options:

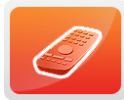
For Video inputs options:

DVI, DVI+HDMI, SVideo+AV, SVideo+AV+DVI, AV+Looping, DVI+AV+Looping, HD-SDI, BNC(PAL/NTSC)



### 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