

MILITARY GRADE RUGGED IP65 PANEL-MOUNT PANEL-PC

IP65 Front Side, Panel-Mount Panel-PC w7"-800x480, LED-400nits,
 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: EMPMW0700-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:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	Wide / 7" viewable diagonal area
	Active Area / Pixel Pitch	152.40(H) x 91.44(V) mm / 0.1905(H) x 0.1905(V) mm
	Native Resolution / Colors	800(H) x 480(V) / 262 K
	Brightness / Contrast	400 cd/m ² (typ) / 500 : 1
	Response Time	< 30 ms
	Viewing Angle (typical)	H. 130° (- 65° ~ + 65°) , V. 110° (- 60° ~ + 50°)
	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 HDMI
		2 x USB 3.0
1 x VGA		
2 x LAN		
Expansion	1 x Mini PCI-e	
Power	Power Input	External Power Adapter with 110/220VAC auto-switch
	Power Consumption	21.625 Watt, <1 Watt
Operating Condition	Temperature / Humidity	- 10°C ~ 55°C , 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
	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.



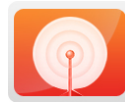
RS-232 Remote Control Options

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