

# NEMA4X/IP65 FRONT STAINLESS STEEL PANEL MOUNT PANEL PC



Panel PC IP65 front Stainless Panel Mount, 19" LCD monitor, 1280 x 1024, LED 1000 nits, Intel Celeron J1900, 2 x DDR3 SO-DIMM 1 x VGA, 1 x HDMI, 1x Audio, 4 x USB, 2 x COM, 2 x LAN

**Model: EMCS1900WTWVHB-BT**

## FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Intel® Celeron J1900
- Intel® Atom BayTrail
- Dual Channel DDR3 1333 MHz SDRAM, Max up to 8GB
- 1 x VGA, 1 x HDMI, 3 x COM, 2 x LAN, 2 x USB 2.0, 2 x USB 3.0
- 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 / <b>19" viewable diagonal area</b>
	Active Area / Pixel Pitch	376.3(H) x 301.1(V) mm / 0.294(H) x 0.294(V) mm
	Native Resolution / Colors	1280(H) x 1024(V) / 16.7 M
	Brightness / Contrast	1000 cd/m <sup>2</sup> (typ) / 1000 : 1
	Response Time	< 5 ms
	Viewing Angle (typical)	H. 178° (- 89° ~ + 89°) , V. 160° (- 89° ~ + 89°)
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
<b>System</b>	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, 1 x HDMI 2 x USB 2.0, 2 x USB 3.0 3 x COM (RS232/422/485) 2 x LAN, Mic-in, Line-out
	Expansion	1 x Mini PCI-e
<b>Power</b>	Power Input	<b>12V DC</b> input with adapter
	Power Consumption	43 Watt, <1 Watt
<b>Operating Condition</b>	Temperature / Humidity	-30°C ~ 80°C (-22°F ~ 176°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
	Infrared touch	SV + AV + TV	Wide Temperature	Motion Sensor
	Protected glass		Sunlight Readable	Light Sensor
				Auto-Dimming

MECHANICAL DRAWING:

