

Rack Mount Panel-PC for Military

20.1" Rack Mount Panel-PC

LCD Panel 1600x1200, LED-800nits, 16.7M colors
Contrast 1000:1, RT 15ms (Tr+Tf)

MODEL: EMRM2010-i7



FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Intel Core i7 Processor
- Intel H110
- 2 x DDR4 SO-DIMM slots, up to 32GB 2133MHz
- Anti-Vibration: Mil-STD-810G, Meth. 514.6, Procedures 1
- Anti-Shock: Mil-STD-810G, Meth. 516.6, 30g / 12.5ms
- Audio I/O ports (Industrial standard connector and 1.8M cable long)
- I/O ports (All equipped with MIL-38999 connector and 1.8M cable long)

SPECIFICATION:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	4 : 3 / 20.1" viewable diagonal area
	Active Area / Pixel Pitch	408(H) x 306(V) mm / 0.255(H) x 0.255(V) mm
	Native Resolution / Colors	1600(H) x 1200(V) / 16.7 M
	Brightness / Contrast	800 cd/m ² (typ) / 1000 : 1
	Response Time	< 8 ms
	Viewing Angle (typical)	H.170° (- 85° ~ + 85°) , V. 170° (- 85° ~ + 85°)
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
System	CPU	Intel Skylake H110 system chipset with Core i7 Quad core 6th generation @2.6
	BIOS	BIOS On board soldered 8MB flash or larger
	System / Graphic Chipset	Intel® H110 / OpenGL 3D Graphics driver support
	System Memory	2 x DDR4 SO-DIMM slots, up to 32GB 2133MHz
	HDD	16GB DDR4 DRAM, 512GB SATA SSD storage
	I/O port	2*DVI (1*DVI-in & 1*DVI-out) 3*Gigabit Ethernet (Jumbo frame supported) 3*USB2.0 + 1*RS422 + 1*RS232 1*Stereo Audio-In on 3.5mm Jack ,1*Stereo Audio-Out 3.5mm Jack, 1*Mic-IN on 3.5mm Jack
Power	Power Input	1*AC-IN (85~240V AC / 50-60 Hz Single phase)
	Power Consumption	106.25 Watt, <1 Watt
Operating Condition	Temperature / Humidity	- 40°C ~ 85°C, 10% ~ 90% (no condensation)
Dimensions	Physical	483 x 400 x 120 mm
	Carton	W x H x D = TBD
OS		OS Linux 64-bit RHEL ver 7.0 (image consigned by customer)

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

MECHANICAL DRAWINGS:

