

MD-PRM1905F1-EN25L0-CB0M0B

Military Grade Fanless Panel PC Rack Mount, 19" LCD monitor, 1280 x 1024, LED 250 nits, Intel® 11th Gen. i3, i5, i7



Features

- Optional connector type: M12 Metal connectors, MIL-38999, MIL-26482 series connectors
- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional built-in touch screen for interactive application
- Intel® 11 Gen. i3, i5, i7 processors
- Intel® Tiger Lake
- Support DDR4-3200 MHz, Max up to 64GB
- 2 x HDMI, 6 x USB 3.0, 2 x LAN, 1 x Line-out
- Standard IP66/IP67 models I/O: 1 x HDMI, 2 x USB, 1 x LAN.
- Intel I225-V GBE LAN Chip (RJ45, 10/100/1000 Mbps)
- Security support TPM 2.0 onboard IC

Specification

Panel	
Cell Type	TFT LCD
Glass Surface	Black Anti-Glare, low reflection coating
Aspect Ratio	5 : 4
Size	19" viewable diagonal area
Active Area	376.3(H) x 301.1(V) mm
Pixel Pitch	0.294(H) x 0.294(V) mm
Native Resolution	1280(H) x 1024(V)
Colors	16.7 M
Brightness	250
Contrast	800 : 1
Response Time	≤ 5 ms
Viewing Angle (typical)	H. 170°(- 0°~ + 0°) , V. 160°(- 0°~ + 0°)
Light Source	LED backlight, Long life, 35,000 hrs (typ)
Power	
Power Input	Internal power supply with universal / Auto-Sensing, AC90 to 260V, 50/60 Hz
Power Consumption	

System	
CPU	Intel® 11th Gen. i3, i5, i7
BIOS	UEFI
System / Graphic Chipset	Intel® Iris® Xe Graphics
System Memory	Support DDR4-3200 MHz, Max up to 64GB
HDD	1*SATA3.0
I/O port	2xHDMI 6xUSB3.0 2xLAN 1xLine-out
Expansion	1*M.2 Key-M(NVMe SSD 2280), 1*M.2 Key-B, 1*M.2 Key-E
Dimensions	
Physical	Please refer to Drawing
Carton	TBD
Operating Condition	
Temperature / Humidity	

Option MIL

- Environmental: MIL-STD-810, DO-160
- EMI/EMC: MIL-STD-461/462
- Panel construction & lighting: MIL-P-7788
- Power: MIL-STD-704, MIL-STD-1275
- Shock – MIL S 901D
- Vibration – MIL STD 167



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