

KXR 10

10" Military Panel PC

Key Features

- ◆ High brightness LCD with Multi-point Resistive Touch
- ◆ Removable storage case for easy maintenance
- ◆ Support MXM interface to enhance graphic capability
- ◆ Withstand harsh environment and tested by MIL-STD-810G
- ◆ EMC compliant with MIL-STD-461F
- ◆ Power design compliant with MIL-STD-1275E



Specifications

System

- ◆ Intel® Core™ i7-6822EQ Quad core processor 2.0GHz (Turbo Boost up to 2.8GHz)
- ◆ 8GB DDR4 XRDIMM, up to 16GB
- ◆ M.2 2242 SATA MLC SSD x 2

Dimension

- ◆ 329 x 299.30 x 84.93mm (w/SSD Box)
- ◆ 329 x 278 x 84.93mm (w/o SSD Box)

Display

- ◆ 10.4" TFT LCD XGA (1024 x 768) 1300 nits (typical)
- ◆ Multi-point resistive touch

Button

- ◆ Function button x 28
- ◆ Power x 1, brightness x 2

Environmental

- ◆ IEC 60529 IP67
- ◆ MIL-STD-810G specs
 - Altitude : 20,000 ft (Method 500.6 Proc II) operating
 - Operating temp : -40° C to +71° C (Method 502.6/ 501.6)
 - Storage temp : -46° C to +81° C (Method 502.6/ 501.6)
 - Shock: 40G operating, 11ms (Method 516.7)
 - Shock: 75G Non-operating 6ms (Method 516.7)
 - Vibration : Method 514.7 C-2/ C-3/ C-4, Method 514.7E-1
 - Salt Fog : 5% 96 hrs (Method 509.6)
 - Humidity : 5% to 95% non-condensing (Method 507.6 Proc II)

Expansion

- ◆ MXM 3.0 Type A
- ◆ Mini-PCIe slot x 2

I/O Interface

- ◆ USB 2.0 x 6
- ◆ RS-232 x 4
- ◆ Isolation RS-422/485 x 4
- ◆ Gigabit Ethernet x 4
- ◆ GPIO x 8
- ◆ VGA x 1, DVI-D x 1
- ◆ Audio Line-in x 1, Line-out x 1, Mic-in x 1
- ◆ CAN bus V2.0b x 2
- ◆ Optional Video-in via mini-PCIe slot
 - CVBS video-in / HD-SDI video-in
- ◆ Optional MXM Graphics Output

EMC

- ◆ MIL-STD-461F

Power

- ◆ 28 VDC Nominal input
- ◆ Ignition sense with time delay setting
- ◆ Compliance with MIL-STD-1275E

