

KRB 12

12" 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-461G
- ◆ Power design compliant with 1275E



Specifications

System

- ◆ Intel® Coffee Lake R i7-9850HL, 6core, 1.9GHz
- ◆ On board DDR4 16GB DDR4, optional SODIMM 16GB X 1
- ◆ M.2 2280 SATA TLC SSD X 1

Dimension

- ◆ 329 X 278 X 75mm (W X H X D)
- ◆ 7.1KG

Display

- ◆ 12.1" TFT LCD XGA (1024 x 768) 1000 nits
- ◆ 10 Point Multi touch, AMR resistive

Button

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

Environmental

- ◆ IEC 60529 IP68
- ◆ MIL-STD-810H Specs
 - Altitude : 20,000 ft (Method 500.6 Proc II) operating
 - Operating temp : -40 to +71°C (Method 502.7/501.7)
 - Storage temp : -46 to +81°C (Method 502.7/ 501.7)
 - Shock: 40G operating, 11ms (Method 516.8)
 - Shock: 75G Non-operating 6ms (Method 516.8)
 - Vibration : Method 514.8 C-2/ C-4/ C-6, Method 514.8E-1
 - Salt Fog : 5% 96 hrs (Method 509.7)
 - Humidity : 5% to 95% non-condensing (Method 507.6 Proc II)

On-Board Slot

- ◆ MXM 3.0 Type A (Optional)

I/O Interface / Expansion

- ◆ USB 2.0 x 6, RS-232 X 4, Isolation RS-422/485 X4
- ◆ Gigabit Ethernet X 4
- ◆ GPI X 8
- ◆ GPO X 8
- ◆ VGA x 1, DVI-D X 1
- ◆ Audio Line-in X 1, Line-out X 1, Mic-in X 1
- ◆ CAN bus X 2
- ◆ Optional Video-in, CVBS video-in, HD-SDI video-in
- ◆ Mini-PCle slot X 1, M.2 X 1 (2280, Key.B)

Power

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

EMC

- ◆ MIL-STD-461G, Method CE102, CS101, CS114, CS115, CS116, CS118, RE102, RS103

Accessory

- ◆ AC to DC power adapter with long cable



www.ruggon.com e-mail:info@ruggon.com

©2024 RuggON Corporation. All rights reserved. Specifications subject to change without notice.

All specifications are subject to change without notice