

# R19IB3S-RKA3ML

19" Intel® Celeron® N2930 Military Console Rack Panel PC



## KEY FEATURES

- 19" SXGA TFT LCD
- Intel® Celeron® N2930 2.16 GHz processor
- Anti-Corrosion Housing / Fanless
- Compliant with MIL-STD-810G/F
- Flush Rack / Rack Mount Mechanical Design (9U)
- Convenient On-Screen Display Controls
- AC 110~240 V Power input default
- Isolation DC 9~36 V Power input (Optional)
- Built-in Light Sensor for auto brightness control
- Military Grade Power Connector (MIL-DTL-38999/1)



## SPECIFICATIONS

Display			
<b>Resolution</b>	1280x1024	<b>Size</b>	19.0 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	350 nits
<b>View Angles</b>	85,85,80,80	<b>Touch / Glass</b>	AR Protection Glass 5 Wires Resistive Touch (Optional) 5 Wire Resistive with EMI Mesh Filter (Optional) EMI Glass (Optional)
System Specification			
<b>Processor</b>	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>Storage</b>	1 x mSATA SSD 64GB. mSATA SSD up to 512GB. (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller I210-AT
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
Environment			
<b>Operating Humidity</b>	10% to 95% RH	<b>Operating Temperature</b>	-20°C~60°C
<b>Storage Temperature</b>	-30°C~70°C		
Compliance			
<b>MIL-STD 461E/F</b>	RE101 / RE102 CE101 / CE 101 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	<b>MIL-STD 810F/G</b>	Vibration Method 514.5 Humidity Method 507.4 Transit Drop Method 516.5
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>USB Port</b>	1 x USB2.0 1 x USB3.0	<b>Serial Port</b>	1 x RS232(Default)/422/485
<b>Video</b>	1 x HDMI (Optional)	<b>LAN</b>	2 x RJ-45

## Mechanical

**Dimension** 482.6 x 399.3 x 81.4 mm

**Mounting** VESA Mount/ Rack Mount

**Enclosure** Metal Housing with Aluminum Bezel

**Cooling System** Fanless Design

## Accessory

**Accessory** User Manual (Hardcopy)  
CD-ROM with Driver Utility  
Power Cord MIL-DTL-38999/1

## Power

**Power Rating** AC 100~240V, Universal,  $\pm 10\%$   
DC 9~36V,  $\pm 10\%$  (Optional)

## Control

**Button** 8 Key OSD Control Pad:  
Power, Brightness DOWN, Brightness UP,  
Night, Day, Auto / Manual, Reset, Lock

## DIMENSIONS UNIT:MM

