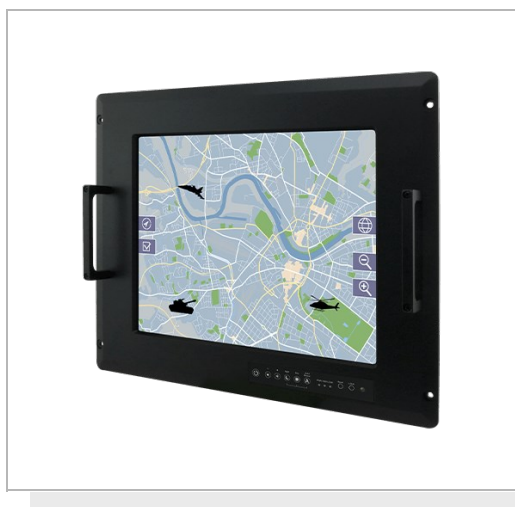


R20IB3S-RKA2ML

20.1" Military Console Rack Panel PC



KEY FEATURES

- 20.1" LCD 1600 x 1200
- AC 110~240 V Power input default
- Anti-Corrosion Housing / Fanless
- Built-in Light Sensor for auto brightness control
- Compliant with MIL-STD-810G/F
- Convenient On-Screen Display Controls
- Flush Rack / Rack Mount Mechanical Design (9U)
- Intel® Celeron® N2930 2.16 GHz Processor
- Isolation DC 9~36 V Power input (Optional)
- Military Grade Power Connector (MIL-DTL-38999/1)

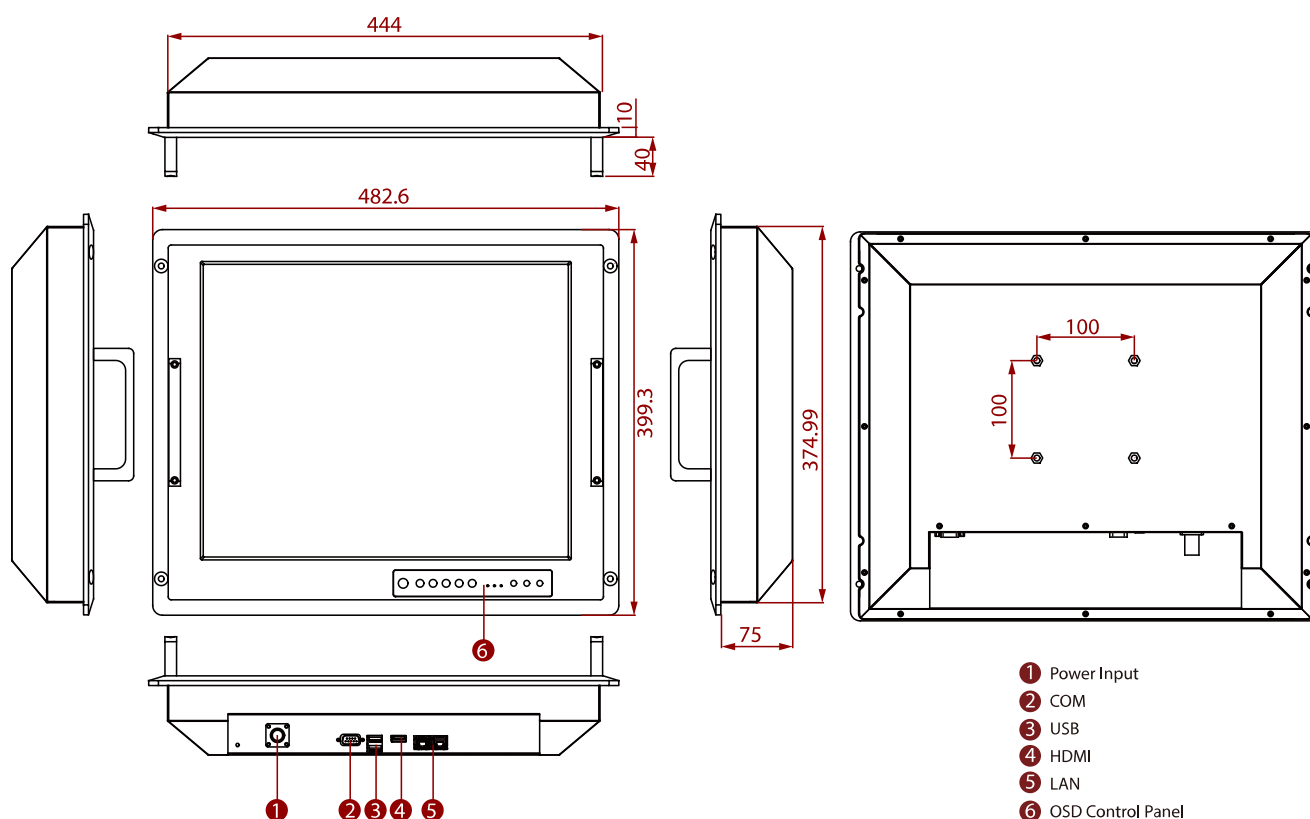


SPECIFICATIONS

Display			
Resolution	1600x1200	Size	20.1 inches
Contrast Ratio	1400:1	Panel Brightness	330 nits
View Angles	85,85,85,85	Type	Protection Glass
System Specification			
Processor	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)	Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB(Optional)
Storage	1 x mSATA SSD 64GB. mSATA SSD up to 512GB.(Optional)	Expansion	1 x mPCle slot(for half size Wifi module) 1 x mPCle slot(for SSD)
Ethernet controller	2 x Intel® Ethernet Controller I210-AT	Security	TPM 2.0
Operating System	Windows 7 Embedded Systems(Optional) Windows 10 IoT Enterprise(Optional) Linux Ubuntu 18.04(Optional)		
Environment			
Operating Humidity	Up to 95%RH ±3%	Operating Temperature	0~60℃
Storage Temperature	-10℃~70℃		
Compliance			
Compliance	MIL-STD 461E/F (Compliance) RE101 / RE102 CE101 / CE 101 RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116 MIL-STD 810F/G (Compliance) Vibration MIL-STD-810F/G Method 514.5 Humidity MIL-STD-810F/G Method 507.4 Transit Drop MIL-STD-810F/G Method 516.5 with EMI Glass / Touch(Optional)		
Certification			
Certification	CE, FCC		
IO Ports			
USB Port	1 x USB2.0	Serial Port	1 x RS232(Default)/422/485

	1 x USB3.0		
Video	1 x HDMI(Optional)	LAN	2 x RJ-45
Mechanical			
Dimension	482.6 x 399.3 x 75 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 VGA Cable MIL-DTL-38999/3 RS-232 Cable MIL-DTL-38999/3		
Power			
Power Rating	AC 100~240V, Universal, ±10% DC 9~36V, ±10% (Optional)		
Control			
Button	8 Key OSD Control Pad: Power, Brightness DOWN, Brightness UP, Night, Day, Auto / Manual, Reset, Lock (with LED Indicators: Power status, HDD Status, Lock Status)		

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.