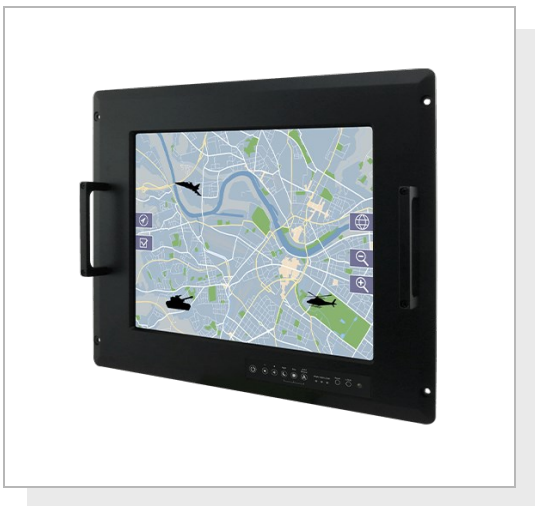


# R19IK3S-RKA3ML

19" Intel® Core™ i5-7200U Military Console Rack Panel PC



## KEY FEATURES

- 19" SXGA TFT LCD
- Intel® Core™ i5-7200U 2.5 GHz Processor
- Anti-Corrosion Housing / Fanless
- Compliant with MIL-STD-810G/F , MIL-STD-461E/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)

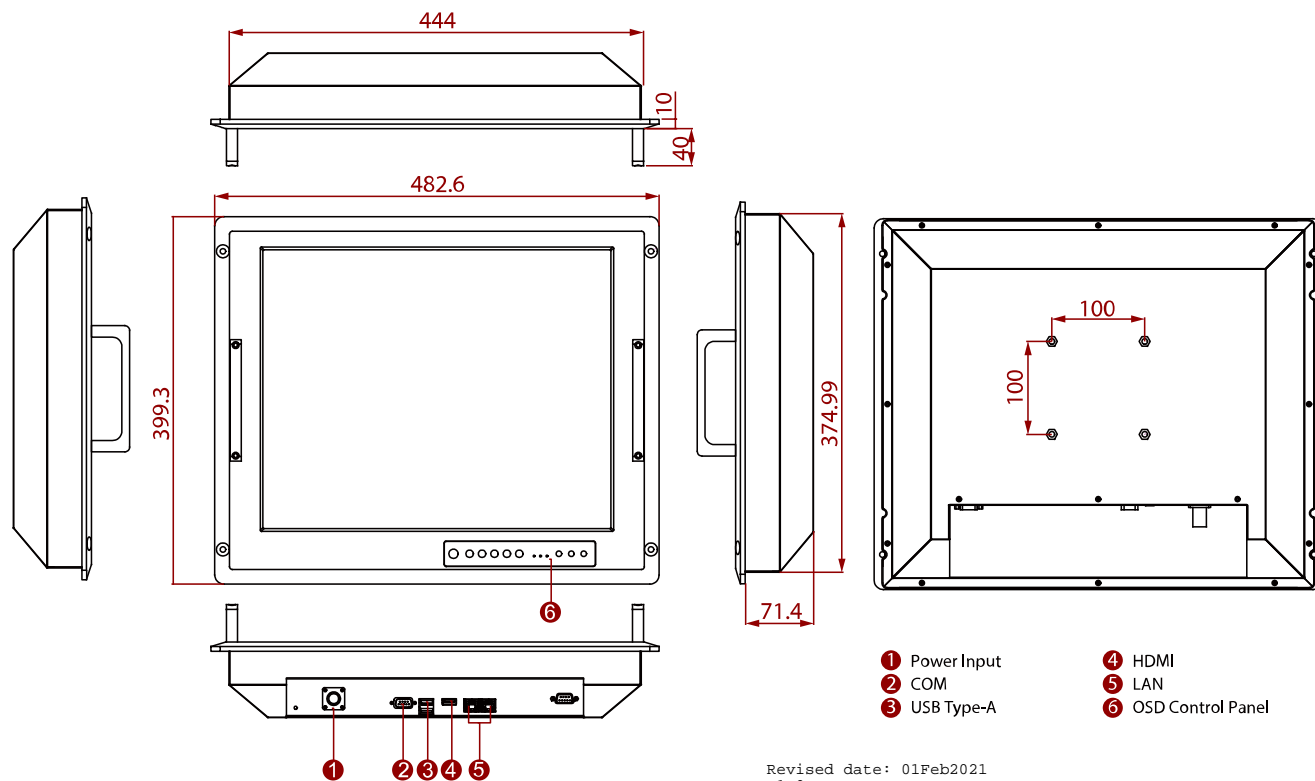


## SPECIFICATIONS

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 EMI ITO Glass (Optional) 5-wire Resistive Touch (Optional) 5-wire Resistive Touch with EMI Mesh Filter (Optional)
System Specification			
<b>Processor</b>	Intel® Core™ i5-7200U (3M Cache, up to 3.10 GHz) Intel® Core™ i5-7300U (3M Cache, up to 3.50 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR4 2133 MHz, 4GB 8GB (Optional) 16GB (Optional)
<b>Storage</b>	1 x M.2 2242 SSD 64GB M.2 2242 SSD up to 512GB (Optional)	<b>Ethernet controller</b>	Intel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LM
<b>Security</b>	TPM 2.0	<b>Operating System</b>	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		
Mechanical			
<b>Dimension</b>	482.6 x 399.3 x 71.4 mm	<b>Mounting</b>	Rack Mount / Panel Mount / VESA Mount

<b>Enclosure</b>	Metal Housing with Aluminum Bezel	<b>Cooling System</b>	Fanless Design
<b>IO Ports</b>			
<b>USB Port</b>	2 x USB 3.0	<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 1 x RS232 (Optional)
<b>Video</b>	1 x HDMI (Optional)	<b>LAN</b>	2 x RJ-45
<b>Accessory</b>			
<b>Accessory</b>	User Manual (Hardcopy) CD-ROM with Driver Utility Power Cord MIL-DTL-38999/1		
<b>Power</b>			
<b>Power Rating</b>	AC 100~240V, Universal, ±10% DC 9~36V, ±10% (Optional)		
<b>Control</b>			
<b>Button</b>	8 Key OSD Control Pad: Power, Brightness DOWN, Brightness UP, Night, Day, Auto / Manual, Reset, Lock		

## DIMENSIONS UNIT:MM



Revised date: 01Feb2021  
v1.0