

# R19IAD3S-MLA3-89

19" Intel® Core™ i7-1265UE Defence Console Rack Panel PC



## KEY FEATURES

- 19" SXGA TFT LCD
- Intel® Core™ i7-1265UE 3.5 GHz (up to 4.70 GHz)
- Anti-Corrosion Housing / Fanless
- Compliant with MIL-STD-810G
- 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
- Defence Grade Power & Signal Connector (MILDTL38999/1 & 38999/3)

## INTRODUCTION

The Winmate Defence Console Rack Panel PC Series is a reliable option. It is designed for critical tasks. This series is suitable for defense and industrial environments. These systems come in sizes from 15" to 32". They have Intel® processors, fanless anti-corrosion housing, and touch screens for easy use. With MIL-STD-810G/F and MIL-STD-461E/F/G compliance, they ensure reliability in extreme conditions. The 8U rack-mount design has on-screen display controls. It also offers an optional isolation DC power input. This versatility makes it great for command centers, control rooms, and tough field deployments.

## SPECIFICATIONS

### Display

<b>Resolution</b>	1280x1024	<b>Size</b>	19.0 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	350.0 nits
<b>View Angles</b>	85,85,80,80	<b>Active Area</b>	376.32x301.06 mm
<b>Touch / Glass</b>	AR Protection Glass (Default) 5 Wires Resistive Touch (Optional) 5 Wire Resistive with EMI Mesh Filter (Optional) EMI Glass (Optional)		

### System Specification

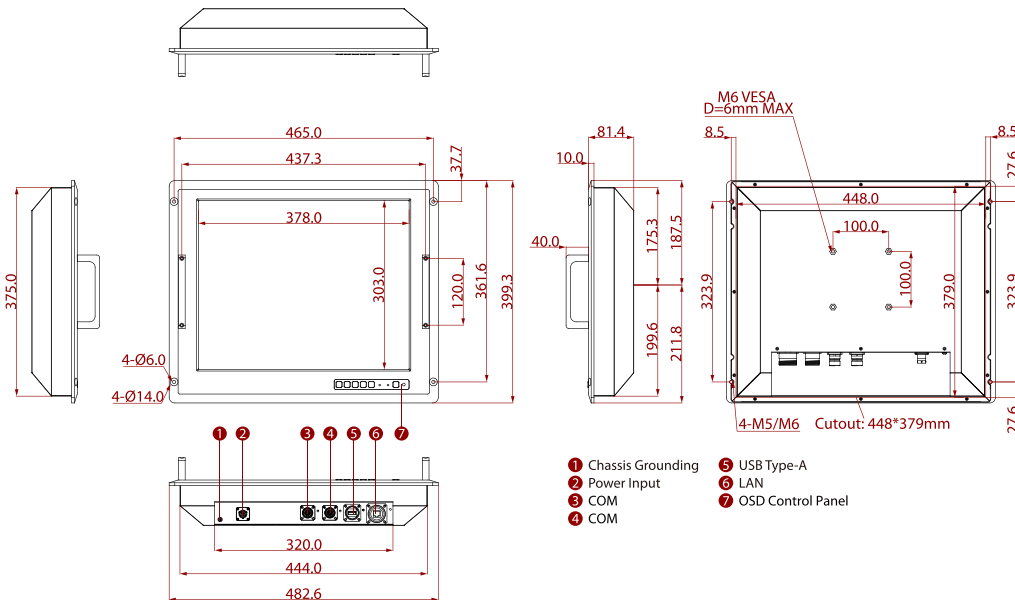
<b>Processor</b>	Intel® Core™ i7-1265UE 3.5GHz(up to 4.70 GHz)	<b>Memory</b>	8GB (Default) 16GB (Optional) 32GB (Optional)
<b>Storage</b>	256GB, up to 2TB	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)

### Environment

<b>Operating Humidity</b>	10% to 95% RH	<b>Operating Temperature</b>	-20~60°C
<b>Storage Temperature</b>	-30°C~70°C	<b>Vibration</b>	USA: MIL-STD-810H Method 514.8 – Procedure I

<b>Drop</b>	USA: MILSTD810H Method 516.8  NATO: STANAG 4370/AECTP400 Edition 3 Method AECTP 404-Procedure II (Optional)	<b>TEMPEST</b>	NATO: STANAG 4370/AECTP400 Edition 3 Method AECTP 401-Procedure I (optional)  USA: NSA NSTISSAM TEMPEST/1-92 (optional) NATO: NATO SDIP-27 (optional)	
<b>Compliance</b>				
<b>MIL-STD 461G</b>	USA: MIL-STD-461G: CE101, CE102, RE101, RE102, CS118 (default) CS101, CS114, CS115, CS116, RS101, RS103 (optional)  NATO: STANAG 4370/AECTP-501: NCE01, NCE02, NRE01, NRE02, NCS12 (default) NCS01, NCS07, NCS08, NCS09, NRS01, NRS02 (optional)	<b>MIL-STD 810H</b>	USA: MIL-STD-810H (default): Vibration Method 514.6 Humidity Method 507.6 Transit Drop Method 516.6  NATO (optional): Vibration Test STANAG 4370/AECTP-401 Shock STANAG 4370/AECTP-402 Procedure I Drop and Topple Test STANAG 4370/AECTP-404	
<b>Certification</b>				
<b>Certification</b>	CE, FCC			
<b>IO Ports</b>				
<b>USB Port</b>	1 x USB 2.0 A Type (MIL-DTL-38999/3)	<b>Serial Port</b>	2 x RS232 (MILDTL38999/3)	
<b>LAN</b>	1 x LAN (MIL-DTL-38999/3)			
<b>Mechanical</b>				
<b>Dimension</b>	482.6 x 399.3 x 81.4 mm	<b>Mounting</b>	VESA mount (Default) Rack mount (Optional)	
<b>Enclosure</b>	Metal Housing with Aluminum Bezel		<b>Cooling System</b>	Fanless Design
<b>Accessory</b>				
<b>Accessory</b>	User Manual (Hardcopy) CD-ROM with Driver Utility Power Cord MIL-DTL-38999/1 RS232 Cable MILDTL38999/3			
<b>Power</b>				
<b>Power Rating</b>	AC 100~240V, Universal, ±10% (Default) DC 9~36V, ±10% (Optional)			
<b>Control</b>				
<b>Button</b>	6 Key OSD Control Pad: Power/ Brightness DOWN, Brightness UP/ Night, Day/ Exit, Auto/ Menu			

## 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.