# R08IB3S-MLU1

## 8.4" Intel® Celeron® N2930 G-WIN Defence Panel PC



#### **KEY FEATURES**

- Defence grade power connector
- Ultra Low Power and High Performance Intel® Celeron® Bay Trail N2930 1.83 GHz
- Fanless Design
- High Quality 8.4" Panel, 800 x 600 Resolution
- Full IP65 Dust/water resistant Protection (Except I/O parts)
- Aluminum Housing with Anti-Corrosion Treatments
- Anti-Shock and Vibration Standard according to MIL-STD-810F/G & IEC60068-2-27
- 5 Wire Resistive Touchscreen / Anti-Reflection Protection Glass (Optional)
- 802.11 a/b/g/n Wireless LAN with Antenna (Optional)
- Wide Range 9 to 36 V DC Input (Optional)







#### SPECIFICATIONS

Disp	lay
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Resolution 800x600 **Contrast Ratio** 600:1

75,75,60,70 **View Angles** 

Touch / Glass **AR Protection Glass** 

5 Wires Resistive Touch (Optional)

5 Wire Resistive with EMI Mesh Filter (Optional)

EMI Glass (Optional)

Size

8.4 inches

**Panel Brightness** 

600 nits

**Active Area** 

170.4x127.8 mm

#### **System Specification**

**Processor** Intel® Celeron® N2930 (2M Cache, up to 2.16

GHz)

1 x mSATA SSD 128GB.

mSATA SSD up to 512GB. (Optional)

**Operating System** Windows 10 IoT Enterprise (Optional)

Linux Ubuntu 20.04 (Optional)

Support (Optional)

Memory

1 x SO-DIMM, DDR3L 1600 MHz, 4GB

8GB (Optional)

Ethernet controller 2 x Intel® Ethernet Controller

**WLAN** 

Support (Optional)

#### **Environment**

Storage

BT

Operating Humidity 10% to 95% RH

Operating **Temperature**  -20°C~60°C

Storage Temperature -30°C~70°C

Shock

Operating:30g for 18ms

Vibration Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz

#### Compliance

MIL-STD 461E/F RE101 / RE102

CE101 / CE102

with EMI Glass / Touch(Optional)

RS101 / RS 103

CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS

MIL-STD 810F/G

Vibartion Method 514.5 Humidity Method 507.4

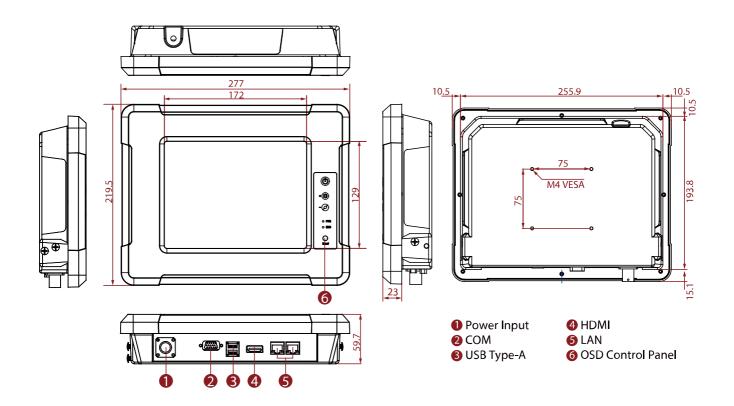
Transit Drop Method516.5

Certification

WINMATE

Certification	CE, FCC		
IO Ports			
USB Port	1 x USB2.0 1 x USB3.0	Serial Port	1 x RS232(Default)/422/485
Video	1 x HDMI (Optional)	LAN	2 x RJ-45
Indicator	Power On/ Off HDD Status		
Mechanical			
Dimension	277 x 219.5 x 59.7 mm	Weight	2.3 kg
Mounting	VESA Mount	Enclosure	Metal Housing with Aluminum Bezel
Cooling System	Fanless Design		
Accessory			
Accessory	User Manual Driver CD and User Manual Touch Driver CD Open Wire Cable 100~240V AC to DC Adapter Power Cord		
Power			
Power Rating	12V DC (MIL-DTL-38999/1 connector) 9V to 36V wide range (Optional)		
Control			
Button	4 Keys: Power, Brightness Up, Brightness Down, Reset		

# 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.

