

# R08IB3S-MLU1 8.4" Intel(R) Celeron(R) N2930 G-WIN Defence Panel PC

Manufacturer part number: R08IB3S-MLU1 | Defence Panel PCs



Explore Winmate R08IB3S-MLU1, a defense panel PC featuring Intel(R) Celeron(R) N2930, 8.4-inch display with 800x600 resolution, IP65...

| Display               |                                                                                                                                                                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                  | 8.4 inches                                                                                                                                                                                                                                             |
| Touch / Glass         | AR Protection Glass (Default), 5 Wires Resistive Touch (Optional), 5 Wire Resistive with EMI Mesh Filter (Optional), EMI Glass (Optional)                                                                                                              |
| Resolution            | 800x600                                                                                                                                                                                                                                                |
| Panel Brightness      | 600.0 nits                                                                                                                                                                                                                                             |
| Contrast Ratio        | 600:1                                                                                                                                                                                                                                                  |
| View Angles           | 75,75,60,70                                                                                                                                                                                                                                            |
| Active Area           | 170.4x127.8 mm                                                                                                                                                                                                                                         |
| System Specification  |                                                                                                                                                                                                                                                        |
| Processor             | Intel Celeron N2930 1.83GHz (up to 2.16GHz)                                                                                                                                                                                                            |
| Memory                | 1 x SO-DIMM, DDR3L 1600 MHz, 4GB (Default), 8GB (Optional)                                                                                                                                                                                             |
| Storage               | 1 x mSATA SSD 128GB (Default), 256GB (Optional), 512GB (Optional)                                                                                                                                                                                      |
| Ethernet controller   | 2 x Intel(R) Ethernet Controller                                                                                                                                                                                                                       |
| Operating System      | Windows 10 IoT Enterprise (64 bit) (Optional), Linux Ubuntu 20.04 (Optional)                                                                                                                                                                           |
| WLAN                  | Support (Optional)                                                                                                                                                                                                                                     |
| BT                    | Support (Optional)                                                                                                                                                                                                                                     |
| Environment           |                                                                                                                                                                                                                                                        |
| Operating Humidity    | 10% to 95% RH                                                                                                                                                                                                                                          |
| Operating Temperature | -20 deg C to 60 deg C                                                                                                                                                                                                                                  |
| Storage Temperature   | -30 deg C to 70 deg C                                                                                                                                                                                                                                  |
| Shock                 | USA: MIL-STD-810H Method 516.8 - Procedure I, Operating:30g for 18ms, , NATO: STANAG 4370/AECTP400 Edition 3 Method AECTP 402-Procedure I (optional)                                                                                                   |
| Vibration             | USA: MIL-STD-810H Method 514.8 - Procedure I, Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz, , NATO: STANAG 4370/AECTP400 Edition 3 Method AECTP, 401-Procedure I (optional)                                                                       |
| TEMPEST               | USA: NSA NSTISSAM TEMPEST/1-92 (optional), NATO: NATO SDIP-27 (optional)                                                                                                                                                                               |
| Compliance            |                                                                                                                                                                                                                                                        |
| MIL-STD 461G          | 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) |

**MIL-STD 810H**

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

**Certification**

|               |         |
|---------------|---------|
| Certification | CE, FCC |
|---------------|---------|

**IO Ports**

|          |                        |
|----------|------------------------|
| USB Port | 1 x USB2.0, 1 x USB3.0 |
|----------|------------------------|

|             |                            |
|-------------|----------------------------|
| Serial Port | 1 x RS232(Default)/422/485 |
|-------------|----------------------------|

|     |          |
|-----|----------|
| LAN | 2 x RJ45 |
|-----|----------|

|       |                     |
|-------|---------------------|
| Video | 1 x HDMI (Optional) |
|-------|---------------------|

|           |                          |
|-----------|--------------------------|
| Indicator | 1 x PWR LED, 1 x HDD LED |
|-----------|--------------------------|

**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) (Default), 9V to 36V wide range (Optional) |
|--------------|-------------------------------------------------------------------------------|

**Control**

|        |                                                      |
|--------|------------------------------------------------------|
| Button | 4 Keys: Power, Brightness Up, Brightness Down, Reset |
|--------|------------------------------------------------------|