

# R08IP8M-RTU1ML

## 8.4" Intel® Pentium® N4200 Defence Ultra Rugged Tablet



### KEY FEATURES

- Intel® Pentium® N4200 Apollo Lake Processor, 8.4inch Defence rugged tablet
- 8.4" 800 x 600 Resolution Transflective TFT-LCD Panel
- With daylight-readable screen 600 nits optical bonding for clarity increasing and readability enhancing
- Ecological seals protect ports as well as connectors from moisture and dust
- Adjustable Kickstand that is Convertible to a handle
- Magnesium Alloy Housing with All-Around Elastomeric Rubber
- MIL-STD-38999 connector for LAN/USB2.0, RS232/RS422 and DC Power Input

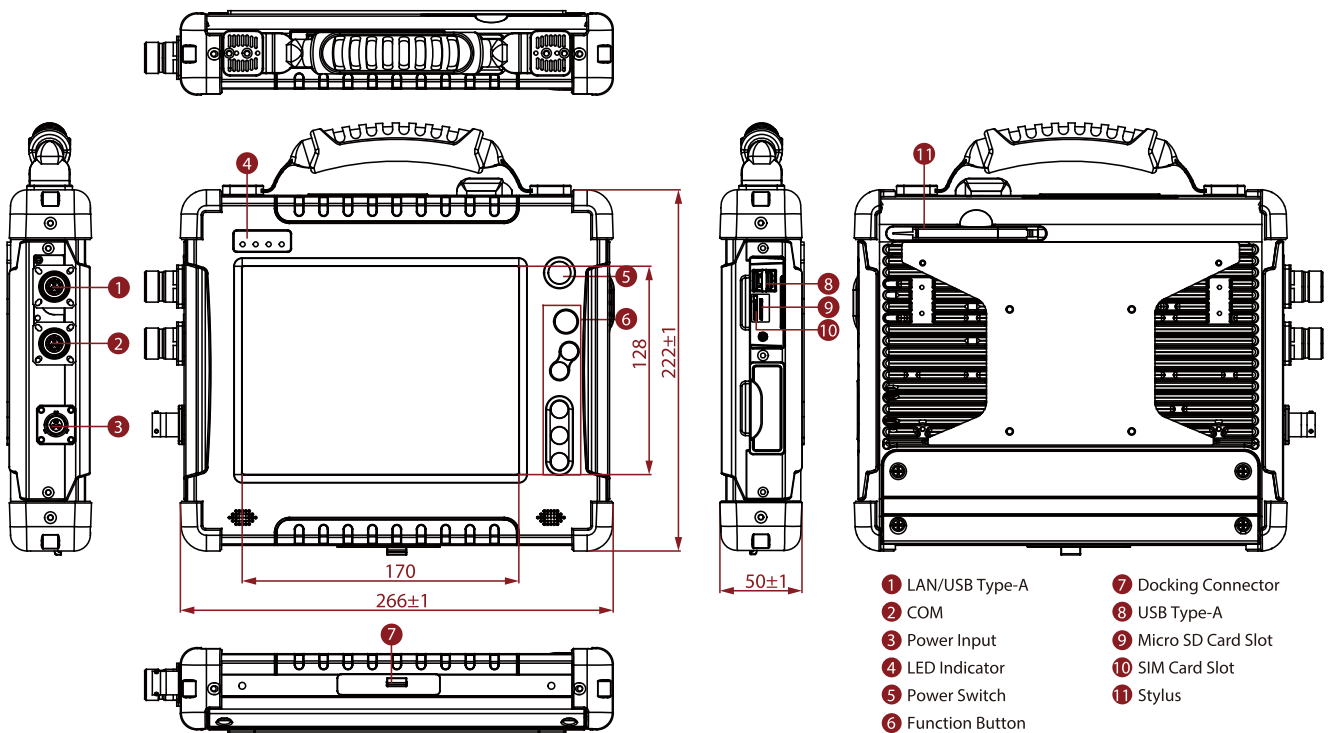


### SPECIFICATIONS

| Display              |  |                        |   |
|----------------------|--|------------------------|---|
| Resolution           | 800x600  | Size                   | 8.4 inches  |
| Contrast Ratio       | 600:1  | Panel Brightness       | 600 nits  |
| View Angles          | 75,75,60,70  | Touch / Glass          | Resistive Touch Screen  |
| System Specification |  |                        |   |
| Processor            | Intel Pentium N4200 1.1GHz (up to 2.5GHz)  | Memory                 | SO-DIMM, 4GB DDR3L 1866 MHz<br>SO-DIMM, 8GB DDR3L 1866 MHz (Optional) |
| Storage              | 64GB M.2 SSD<br>128GB M.2 SSD (Optional)<br>256GB M.2 SSD (Optional)<br>512GB M.2 SSD (Optional) | Security               | TPM 2.0   |
| Operating System     | Windows 10 IoT Enterprise (64 bit)   | WLAN                   | 802.11 a/b/g/n/ac   |
| BT                   | Support  | WWAN                   | 4G/ LTE or 3G (Optional)  |
| GNSS                 | Supports GPS<br>GLONASS, Galileo, BeiDou (Optional)  |                        |   |
| Mechanical           |  |                        |   |
| Dimension            | 266 x 222 x 50 mm  | Weight                 | 2.4 kg  |
| Enclosure            | Aluminum Magnesium Alloy Housing with Protective Rubber  | Cooling System         | Fanless Design  |
| Docking Housing      | nan  |                        |   |
| Power                |  |                        |   |
| Battery              | 11.1V, 5200mAh Lithium-Ion Battery (6cells)  | Battery Operating Time | 8 Hours   |
| Power Rating         | 9-36V DC in (MIL-DTL-38999/1 connector)  | Adapter                | 100-240V, 50-60Hz / 19V DC  |
| Environment          |  |                        |   |
| Operating Humidity   | 10% to 90% RH, non-condensing  | Operating Temperature  | -20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)                 |
| Storage Temperature  | -30°C to 70°C (-22°F to 158°F)   | Shock                  | MIL-STD-810G Method 516.6 Procedure I                                 |
| Vibration            | MIL-STD-810G Method 514.6 Procedure I  | IP rating              | IP54  |

|                      |  |                           |  |
|----------------------|--|---------------------------|--|
| <b>Drop</b>          | MIL-STD-810G Method 516.6, 4 ft  |                           |  |
| <b>Certification</b> |  |                           |  |
| <b>Certification</b> | CE, FCC  |                           |  |
| <b>Control</b>       |  |                           |  |
| <b>Button</b>        | 1 x Power, 1 x Menu, 3 x Function Key, 2 x Brightness Control Key  |                           |  |
| <b>Accessory</b>     |  |                           |  |
| <b>Accessory</b>     | Cordon d'alimentation et adaptateur<br>Batterie standard<br>Guide de démarrage rapide<br>Manuel papier + CD<br>Styler<br>Câble alimentation + Ethernet<br>MILSTD38999<br>Câble RS232/RS422/RS852 MILSTD38999 | <b>Optional Accessory</b> | Station d'accueil multifonctions<br>Kit d'adaptation pour véhicule<br>Chargeur voiture<br>Lanière pour main<br>Lanière épaule<br>Sacoche |
| <b>IO Ports</b>      |  |                           |  |
| <b>USB Port</b>      | 2 x USB 3.0, 1 x USB 2.0(MIL-STD-38999 connector)  | <b>Serial Port</b>        | 1 x RS232/RS422<br>Serial COM Port(MIL-STD-38999 connector)  |
| <b>SD Card Slot</b>  | 1 x Micro SD Card Slot   | <b>SIM Card Slot</b>      | 1 x Micro SIM Card Slot  |
| <b>Audio</b>         | 2 x 1 Watt Speaker   | <b>LAN</b>                | 1 x RJ45-10/100/1000 Mbps LAN(MIL-STD-38999 connector)   |
| <b>Indicator</b>     | 4x LED Indicator for Power, Battery, SSD, RF status  |                           |  |
| <b>Camera</b>        |  |                           |  |
| <b>Front Camera</b>  | 2MP Front Camera (Optional)  | <b>Rear Camera</b>        | 5MP Rear Camera with auto-focus (Optional)   |

## DIMENSIONS UNIT:MM



\*MIL-STD-38999 connector for LAN/USB2.0, RS232/RS422 and DC Power Input.

## NOTE

1. Measured at dimming LCD brightness. Varies depending on the usage conditions or when an external device is attached.
2. This is a simplified drawing, and some components are not marked in detail.
3. Default uses the silver defence connector with RoHs, optional green defence connector without RoHs.