

# R10IP8M-RTT2ML

## 10.4" Intel® Pentium® N4200 Defense Ultra Rugged Tablet



### KEY FEATURES

- Intel® Pentium® N4200 Apollo Lake processor, Defense Ultra Rugged Tablet
- 10.4" 1024 x 768 Resolution Transflective TFT-LCD Panel
- With daylight-readable screen 700 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 Power Input



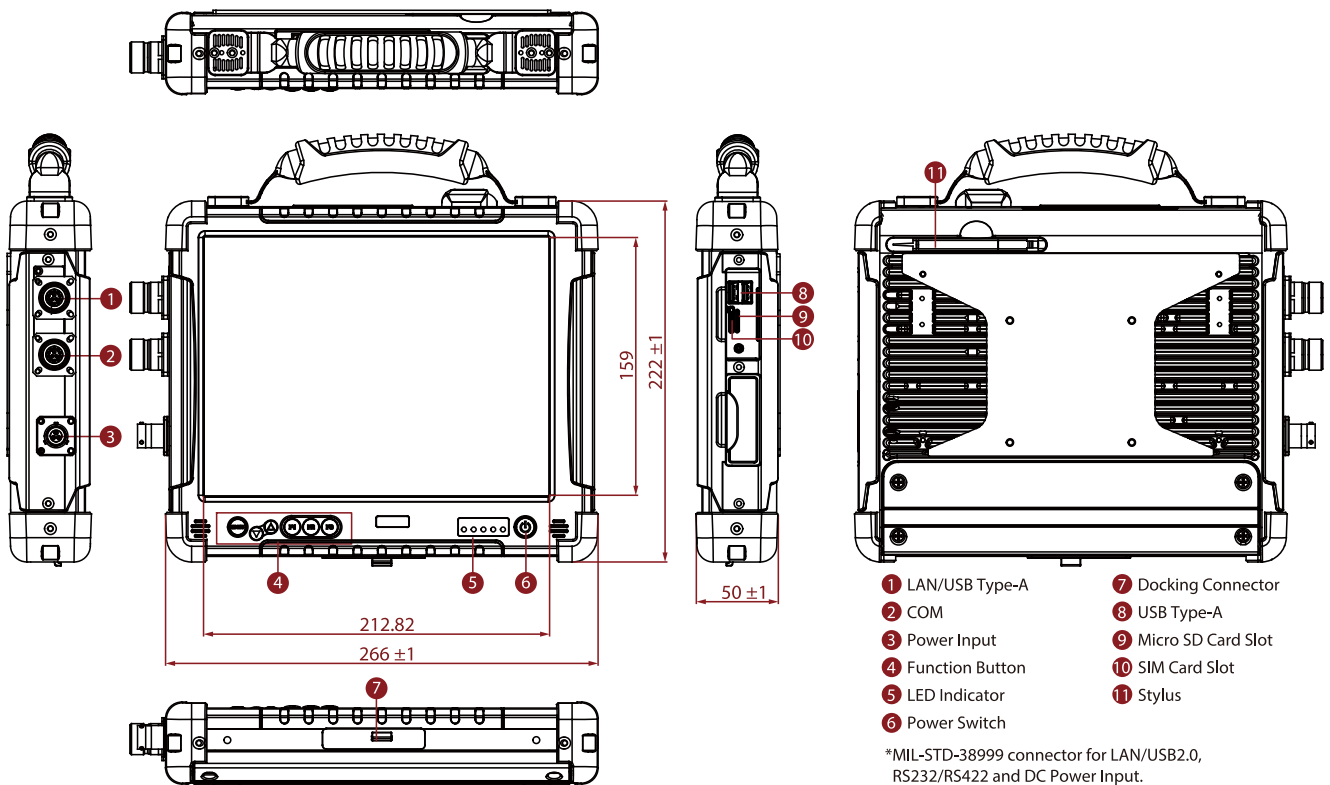
### SPECIFICATIONS

| Display                    |  |                               |   |
|----------------------------|--|-------------------------------|---|
| <b>Resolution</b>          | 1024x768   | <b>Size</b>                   | 10.4 inches   |
| <b>Contrast Ratio</b>      | 1000:1   | <b>Panel Brightness</b>       | 700 nits  |
| <b>View Angles</b>         | 88,88,88,88  | <b>Touch / Glass</b>          | Resistive Touch Screen  |
| System Specification       |  |                               |   |
| <b>Processor</b>           | Intel® Pentium® N4200 Apollo Lake 1.1 GHz (up to 2.5 GHz)  | <b>Memory</b>                 | SO-DIMM, 4GB DDR3L 1866 MHz<br>SO-DIMM, 8GB DDR3L 1866 MHz (Optional) |
| <b>Storage</b>             | 64GB M.2 SSD<br>128GB M.2 SSD (Optional)<br>256GB M.2 SSD (Optional)<br>512GB M.2 SSD (Optional) | <b>Security</b>               | TPM 2.0   |
| <b>Operating System</b>    | Windows 10 IoT Enterprise 64bit  | <b>WLAN</b>                   | 802.11 a/b/g/n/ac   |
| <b>BT</b>                  | Support  | <b>WWAN</b>                   | 4G/ LTE or 3G (Optional)  |
| <b>GNSS</b>                | Supports GPS<br>GLONASS, Galileo, BeiDou (Optional)  |                               |   |
| Mechanical                 |  |                               |   |
| <b>Dimension</b>           | 266 x 222 x 50 mm  | <b>Weight</b>                 | 2.4 kg  |
| <b>Enclosure</b>           | Plastic front cover and Alu-Mg Alloy rear cover with Protective Rubber                           | <b>Cooling System</b>         | Fanless Design  |
| Power                      |  |                               |   |
| <b>Battery</b>             | 11.1V, 5200mAh Lithium-Ion Battery (6cells)  | <b>Battery Operating Time</b> | 8 Hours   |
| <b>Power Rating</b>        | 9-36V DC in (MIL-DTL-38999/1 connector)  | <b>Adapter</b>                | 100-240V, 50-60Hz / 19V DC  |
| Environment                |  |                               |   |
| <b>Operating Humidity</b>  | 10% to 90% RH, non-condensing  | <b>Operating Temperature</b>  | -20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)                 |
| <b>Storage Temperature</b> | -30°C to 70°C (-22°F to 158°F)   | <b>Shock</b>                  | MIL-STD-810G Method 516.6 Procedure I                                 |
| <b>Vibration</b>           | MIL-STD-810G Method 514.6 Procedure I  | <b>IP rating</b>              | 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,<br>2 x Brightness Control Key  |
| <b>Accessory</b>          |   |
| <b>Accessory</b>          | Adapter and Power Cord<br>Standard Battery<br>Quick Start Guide<br>Manual & Driver CD<br>Touch Stylus<br>MIL-STD-38999 cable for External connecting  |
| <b>Optional Accessory</b> | Adjustable Kickstand (Optional)<br>Multi-functional Desktop Docking station (Optional)<br>Vehicle Mounting Charger Kit (Optional)<br>Car Power Charger (Optional)<br>Hand Strap (Optional)<br>Shoulder Strap (Optional)<br>Soft Shell Case (Optional)<br>Carry Bag (Optional) |
| <b>IO Ports</b>           |   |
| <b>USB Port</b>           | 2 x USB 3.0, 1 x USB 2.0(MIL-STD-38999 connector)   |
| <b>SD Card Slot</b>       | 1 x Micro SD Slot   |
| <b>Audio</b>              | 2 x 1 Watt Speaker  |
| <b>Indicator</b>          | 4x LED Indicator for Power, Battery, SSD, RF status   |
| <b>Serial Port</b>        | 1 x RS232/RS422<br>Serial COM Port(MIL-STD-38999 connector)   |
| <b>SIM Card Slot</b>      | 1 x Micro SIM Card Slot   |
| <b>LAN</b>                | 1 x RJ45-10/100/1000 Mbps LAN(MIL-STD-38999 connector)  |
| <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

### Winmate R10IP8M-RTT2ML



## 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 military connector with RoHs, optional green military connector without RoHs.