

# Solidsense N6 Outdoor

# NXP i.MX6 Processor

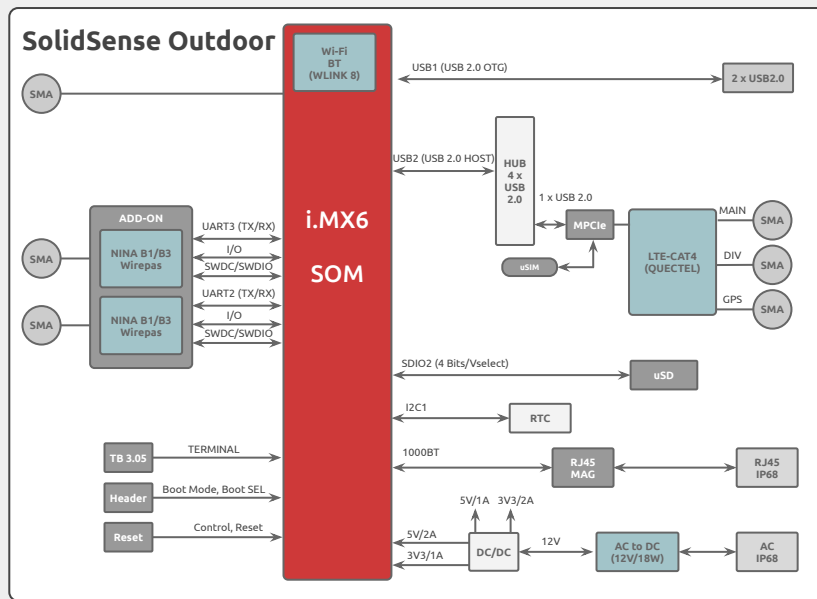
Up to 4 x Arm Cortex-A9 cores



- Versatile 2.4GHz Industrial IoT gateway for low power radio
- Two customizable Bluetooth chips
- Ethernet, WiFi and cellular networking
- IP 67 plastic casing with AC power



|                                  | LTE Europe (EU)   | LTE USA (US)  | LTE Australia (AU)  |
|----------------------------------|---|---|---|
| Networking                       | 1 x Ethernet RJ45 10/100/1000 (max 470 MB/s)<br>1 x 802.11 a/b/g/n WiFi and Bluetooth (2.4 GHz)<br>1 x Dual BLE 5.0 (SDR based on nRF52832)<br>1 x LTE Cat 4 EU + GPS (with fallback on 3G/2G)<br>Optional LTE Cat M1 (Worldwide) + EGPRS | 1 x Ethernet RJ45 10/100/1000 (max 470 MB/s)<br>1 x 802.11 a/b/g/n WiFi and Bluetooth (2.4 GHz)<br>1 x Dual BLE 5.0 (SDR based on nRF52832)<br>1 x LTE Cat 4 EU + GPS (with fallback on 3G/2G)<br>Optional LTE Cat M1 (Worldwide) + EGPRS | 1 x Ethernet RJ45 10/100/1000 (max 470 MB/s)<br>1 x 802.11 a/b/g/n WiFi and Bluetooth (2.4 GHz)<br>1 x Dual BLE 5.0 (SDR based on nRF52832)<br>1 x LTE Cat 4 EU + GPS (with fallback on 3G/2G)<br>Optional LTE Cat M1 (Worldwide) + EGPRS |
| Processor                        | NXP i.MX6 Arm Cortex A9 Dual core 800MHz  | NXP i.MX6 Arm Cortex A9 Dual core 800MHz  | NXP i.MX6 Arm Cortex A9 Dual core 800MHz  |
| Memory & Storage                 | 1GB DDR3<br>8GB eMMC<br>MicroSD   | 1GB DDR3<br>8GB eMMC<br>MicroSD   | 1GB DDR3<br>8GB eMMC<br>MicroSD   |
| Development and Debug interfaces | Console port (internal)   | Console port (internal)   | Console port (internal)   |
| Power                            | AC 100-240V, integrated power supply with unterminated cable  | AC 100-240V, integrated power supply with unterminated cable  | AC 100-240V, integrated power supply with unterminated cable  |
| Temperature                      | Industrial: -30°C to 80°C   | Industrial: -30°C to 80°C   | Industrial: -30°C to 80°C   |
| Dimensions                       | 223 x 134 x 84mm  | 223 x 134 x 84mm  | 223 x 134 x 84mm  |
| Enclosure                        | Polycarbonate (UL94V), IP 68, 6 x SMA (3 x 2.4GHz, 2 x LTE, GPS)  | Polycarbonate (UL94V), IP 68, 6 x SMA (3 x 2.4GHz, 2 x LTE, GPS)  | Polycarbonate (UL94V), IP 68, 6 x SMA (3 x 2.4GHz, 2 x LTE, GPS)  |



## Ordering Information

| Available on Shop            |  |
|------------------------------|--|
| SKU                          | Description  |
| <a href="#">SRG0107.01SW</a> | SolidSense N6 Outdoor- Dual Core-WiFi-LTE C4 AU  Wirepas pre-flashed |
| <a href="#">SRG0102.01SW</a> | SolidSense N6 Outdoor- Dual Core-WiFi-LTE C4 EU  Wirepas pre-flashed |
| <a href="#">SRG0104.01SW</a> | SolidSense N6 Outdoor- Dual Core-WiFi-LTE C4 US  Wirepas pre-flashed |
| <a href="#">SRG0107.01SD</a> | SolidSense N6 Outdoor- Dual Core-WiFi-LTE C4 AU                      |
| <a href="#">SRG0102.01SD</a> | SolidSense N6 Outdoor- Dual Core-WiFi-LTE C4 EU                      |
| <a href="#">SRG0104.01SD</a> | SolidSense N6 Outdoor- Dual Core-WiFi-LTE C4 US                      |

- To choose your ideal configuration see our [Product Configurator Tool](#)

| Accessories:            |   |
|-------------------------|---|
| SKU                     | Description   |
| <a href="#">SRG9011</a> | SolidSense N6 Outdoor - Basic install kit (3 x antenna 2.4GHz & 1 x LTE antenna)                      |
| <a href="#">SRG9012</a> | SolidSense N6 Outdoor - Extended install kit (3 x antenna 2.4GHz, 1 x LTE antenna & 1 x GPS antenna.) |

For more information about the SolidSense Outdoor Software/Hardware visit our:

[Developer Center](#)