

Solidsense N6 Industrial

NXP i.MX 6 Processor

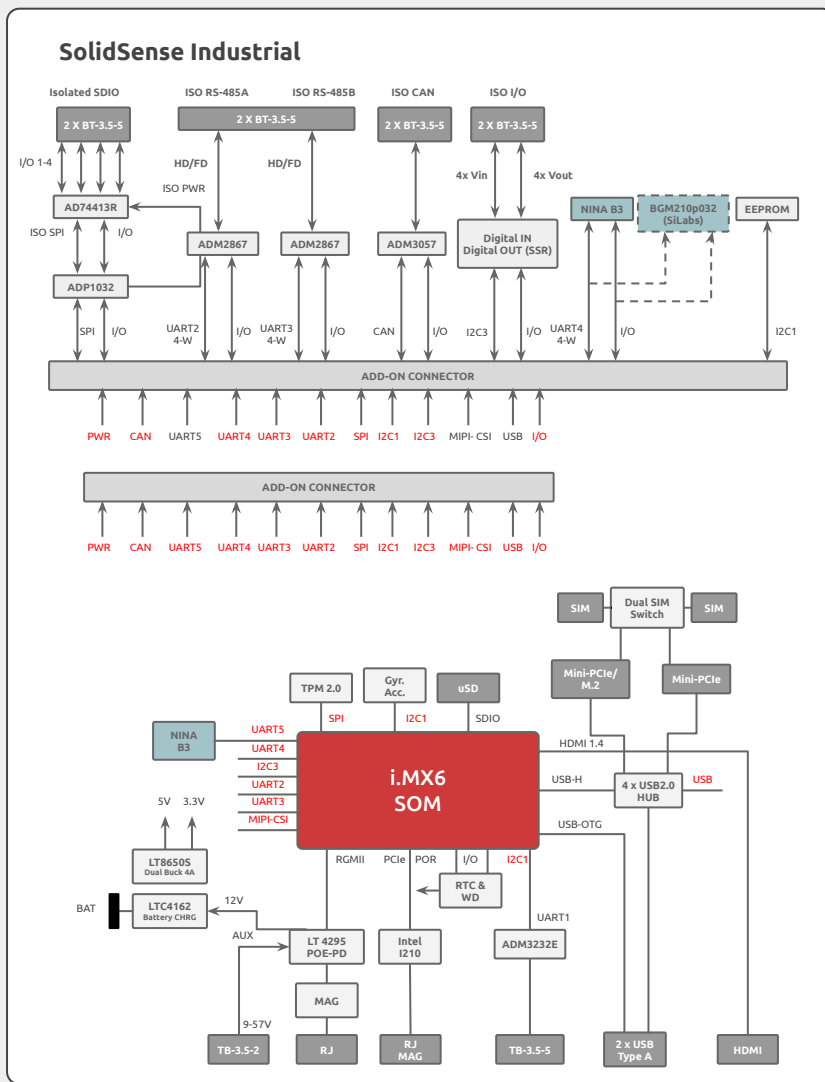
Up to 4 x Arm Cortex-A9 cores



- Multipurpose industrial IoT gateway with radio and wired interfaces
- Customizable Bluetooth chips, CAN, GPIO, RS485, Analog interfaces. Real Time Ethernet option.
- Ethernet (x2), WiFi, Cellular networking
- Industrial metallic casing with DC power, Power over Ethernet and battery option



	Edge Gateway	Ethernet
I/Os	2 x isolated RS485 1 x isolated CAN 4 x software defined I/O 4 x isolated digital input 4 x isolated digital output 2x nRF52840 supporting the following protocols: -Bluetooth Low Energy 5.0 -Wirepas -Zigbee -Thread	2 x isolated RS485 1 x isolated CAN 4 x software defined I/O 2 x Multiprotocol Industrial Ethernet: -PROFINET Class B and C -EtherNet/IP -Modbus TCP -EtherCAT -Ethernet POWERLINK
Networking	2 x Ethernet RJ45 10/100/1000 (max 470 MB/s) 1 x LTE Modems / 2 x Physical SIM slots (optional) 1 x 802.11 b/g/n WiFi and Bluetooth	2 x Ethernet RJ45 10/100/1000 (max 470 MB/s) 1 x LTE Modems / 2 x Physical SIM slots (optional) 1 x 802.11 b/g/n WiFi and Bluetooth
Processor	NXP i.MX6 Arm Cortex A9 Dual core 800MHz	NXP i.MX6 Arm Cortex A9 Dual core 800MHz
Memory & Storage	1GB DDR3 8GB eMMC MicroSD push push 2 x USB 2.0 type A	1GB DDR3 8GB eMMC MicroSD push push 2 x USB 2.0 type A
Display	HDMI	HDMI
Misc.	TPM 2.0 3 axis accelerometer Programmable LEDs	TPM 2.0 3 axis accelerometer Programmable LEDs
Development and Debug interfaces	1 x RS232 – Console port	1 x RS232 – Console port
Power	9V to 36V with reverse polarity Battery protection (default) is 14V 600mAh LiFEPO4 PoE sink	9V to 36V with reverse polarity Battery protection (default) is 14V 600mAh LiFEPO4 PoE sink
Expansion card I/Os	1 x mini PCIe slot (USB) for additional radio to be field installed: LTE modem or LoRaWan	1 x mini PCIe slot (USB) for additional radio to be field installed: LTE modem or LoRaWan
Temperature	-25°C to +65°C	-25°C to +65°C
Dimensions	142.5 x 144 x 40.5mm	142.5 x 144 x 40.5mm
Enclosure	Extruded aluminum, 6 x SMA	Extruded aluminum, 6 x SMA



For Ordering information please [contact us](#)

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

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

Developer Center