



SolidSense N8 Compact

Arm Cortex A53 cores
NXP i.MX 8 Processor

- Easy to install and cost competitive IoT gateway
- Customizable Bluetooth, CAN, RS485 industrial connectivity option
- Ethernet, WiFi and cellular networking
- Plastic casing with integrated antennas (WiFi and Bluetooth) DC and PoE power

	SolidSense N8 IoT Compact BLE (SRG0401.02)	SolidSense N8 IoT Compact Extended LTE (SRG0405.02)
I/Os	1 x USB 2.0 1 x BLE 5.0 (SDR based on nRF52833)	1 x RS485 1 x CAN 1 x USB 2.0 1 x BLE 5.0 (SDR based on nRF52833)
Networking	1 x Ethernet RJ45 1000BT Murata 1mW WiFi and Bluetooth 5.0	1 x Ethernet RJ45 1000BT Murata 1mW WiFi and Bluetooth 5.0 1 x LTE included GPS (2G/3G/4G and 2G in Idle)
Processor	NXP i.MX 8M Nano Arm Cortex A53 Single core @1500MHz + Cortex M7@650MHz	NXP i.MX 8M Nano Arm Cortex A53 Single core @1500MHz + Cortex M7@650MHz
Memory & Storage	1GB DDR4 8GB eMMC MicroSD	1GB DDR4 8GB eMMC MicroSD
Misc.	Programmable LEDs Supercap protection RTC w/ battery	Programmable LEDs Supercap protection RTC w/ battery
Development and Debug interfaces	Console port (internal)	Console port (internal)
Power	V-36V PoE 802.3AT	V-36V PoE 802.3AT
Expansion card I/Os	1 x internal expansion header	1 x internal expansion header
Temperature	Commercial: 0 C to 50 C	Commercial: 0 C to 50 C
Dimensions	150 x 85 x 40mm	150 x 85 x 40mm
Enclosure	Plastic casing with internal antennas for WiFi Bluetooth/BLE	Plastic casing with internal antenna for WiFi Bluetooth. One SMA port for LTE