



SolidSense N8 Compact

Arm Cortex A53 cores
NXP i.MX 6 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 (SRG0401.01)	SolidSense N8 IoT Compact Extended LTE (SRG0405.01)
I/Os	1 x USB 2.0 1 x BLE 5.0 (SDR based on nRF52832)	1 x RS485 1 x CAN 1 x USB 2.0
Networking	1 x Ethernet RJ45 10/100/1000 1 x 802.11 a/b/g/n/ac WiFi and Bluetooth 5.0	1 x Ethernet RJ45 10/100/1000 1 x 802.11 a/b/g/n/ac WiFi and Bluetooth 5.0 1 x LTE Cat 4 Worldwide + GPS (with fallback on 3G/2G)
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	9V-36V PoE sink	9V-36V
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