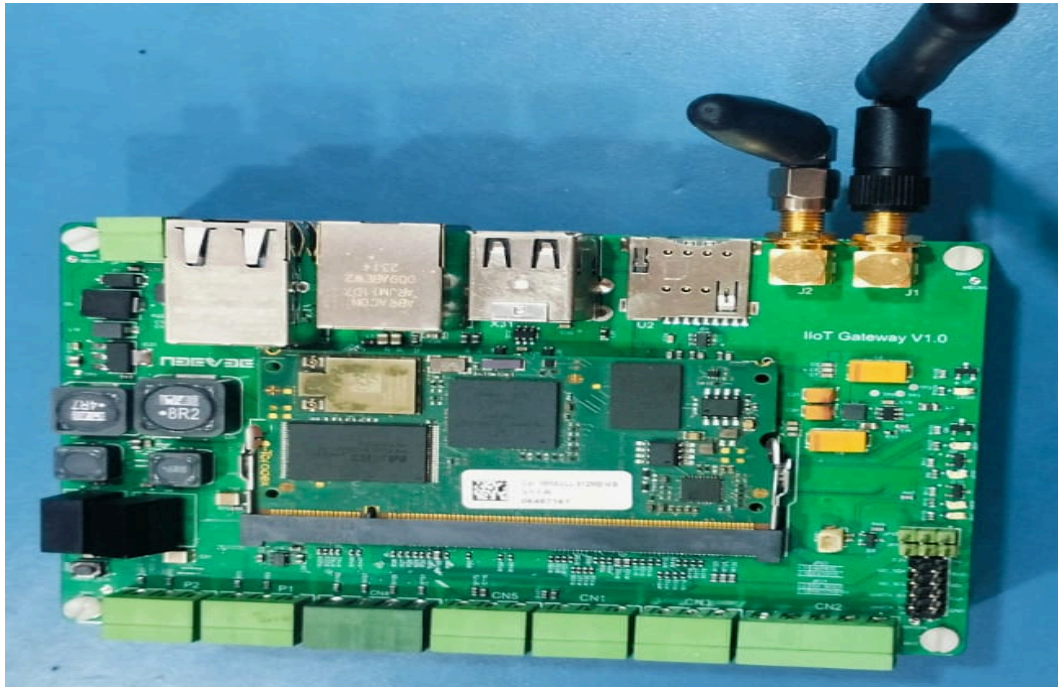


NEEVEE IOT SOLUTIONS

20B, Duraisamy Nagar 4th st, Keelkatalai, Chennai - 600117
info@neeveetech.com
+91-9150755731

Industrial IoT Gateway



Overview

- Powered with Arm Cortex-A7 processor with Embedded Linux Operating System with easier upgradable.
- Versatile Industrial Interface with Industrial Standard Analog and Digital I/O Options
- Ensure uninterrupted timekeeping, even in the event of a power failure, through the Real-Time Clock with persistent battery backup.
- IIoT Gateway that establishes secured cloud connectivity with Amazon Web Service (AWS) IoT Cloud.
- Featured with Industrial Standard Wired and Wireless Interfaces.

Platform Features

Processor	NXP i.MX 6ULL Arm Cortex-A7 up to 900 MHz, 1GB DDR3L, 4GB eMMC
Cloud Platform	Amazon Web Services IoT Core
Security	Secured Cloud Connectivity using ATECC508A to add confidentiality (encryption/decryption) to digital systems including Internet of Things (IoT) nodes

Industrial wired Interface

Ethernet 1	10/100 Megabit with IEEE 1588 (+2nd RMII).
Ethernet 2	10/100/1000 Gigabit with IEEE 802.3/802.3u/802.3ab.
Serial	1x SPI, 1x I2C, 1xUART, 1x CAN Transceiver Half Duplex, Data Rate 1Mbps.
USB	2x USB 2.0, 1x micro USB 2.0 OTG.
SD Card	1 x micro SD card holder

MODBUS RTU Master

RS485	Baud Rate (300 to 300000), Half duplex.
RS232	Baud Rate (300 to 115200), Full duplex, Flow control RTS/CTS.

Industrial wireless Interface

Wifi	Dual-band 802.11ac 2x2 MU-MIMO.	Bluetooth	Bluetooth 5
LTE Module	4G (LTE) – Cat 4 up to 150 Mbps, LTE Cat M1/Cat NB2/EGPRS, Multi-constellation GNSS receiver, 1x micro SIM card holder.		

Input / Output Interface

Analog Input	2 x 4-20mA and 2 x 0-10V
Analog Output	2 x 4-20mA and 2 x 0-10V