

Jio IoT Smart Gateway

Jio IoT Smart Gateway utilizes industry-standard Zigbee wireless communication, providing a fast and user-friendly interface that is accessible from nearly any device, anywhere.

Equipped with powerful and intuitive visualization tools, Jio IoT Smart Gateway provides instant access to both real-time information and historical data.



JCG1440

Key Features:

Quick Installation

- Automatically detects and provisions connected inverters before AC connection.
- Installation layout seamlessly synchronizes with your cloud account.

Data When You Need It

- Displays real-time metrics and stores historical data for the system's lifetime.
- Provides panel-by-panel information for monitoring and troubleshooting.

Easy to Use

- Advanced cloud-based monitoring software accessible from anywhere.

Smart Systems

- Supported by industry-standard Zigbee wireless communication for fast and reliable connectivity.
- Future-proof design with remote updates to support new and improved features.

Product Brief

Component	Specifications
Connectivity	LTE CAT-1, Band 3,5,40, BLE - 5.0
Chipset	MDM 9207, Nordic nRF52840 SOC
Antenna	On board, two antennas, 1x patch antenna for GPS, 1x for LTE, 1x BLE
On board memory	2GBit Flash/1Gbit RAM
Reset	Tactile switch; To reset the board
LED's	Multi-colour 2 LEDs - 1-LTE and 2 - BLE or Zigbee
Communication ports	USB for debugging DC Jack 1A/12V DC
Input Power	12V DC
Ingress Protection	IP65
Internal Battery	Li-Ion, 3.7V, 450mAh, rechargeable Up to 4-6 hrs of battery backup with data interval of 60 secs @ 25°C Embedded NTC for temperature-controlled charging Operating Temperature: -20 (65% charge) to 600C Protections: overcurrent, overcharge and over discharge
Environmental	Operating temperature : -10C to +70C Storage temperature: +20C to +85C Humidity: 95% non-condensing
SIM	eSIM
Enclosure	Tie-wraps with four ear lobes

*Please reach out to company for more information



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