

System Requirements

To ensure smooth functioning of your Edgesense solution, please make sure the following hardware and software prerequisites are met.

Gateway (EdgeNode) Requirements

Power Supply:

- Input Voltage: 9V–36V DC
- Power Consumption: Max 12W

Connectivity:

- Ethernet (RJ45, 10/100 Mbps)
- Optional: Wi-Fi (2.4GHz b/g/n), LTE (via SIM slot)
- USB or Serial Debug Port

IO Support:

- Analog Inputs: 4–20 mA, 0–10V
- Digital Inputs/Outputs: Dry contact or PNP
- Serial Ports: RS-232, RS-485
- Protocol Support: Modbus RTU/TCP, MQTT, OPC-UA

Memory & Storage:

- Flash: 8GB+ eMMC
- RAM: 1GB minimum (2GB recommended)

Operating System:

- Custom Embedded Linux (based on Yocto or Debian)

Dashboard (EdgeVision) Requirements

Client-Side (Browser):

- Modern Browser (Chrome, Firefox, Edge)

- Minimum Screen Resolution: 1366x768
- Internet Speed: Min 1 Mbps per device recommended

Server-Side (Self-hosted option):

- OS: Ubuntu 20.04+ or Docker-compatible
- RAM: 8GB+
- CPU: Quad-core 2.4 GHz or higher
- Storage: SSD 64GB+
- Node.js v16+, MongoDB v5+, Nginx

Contact us for any query at :

Email : support@edgesense.io