

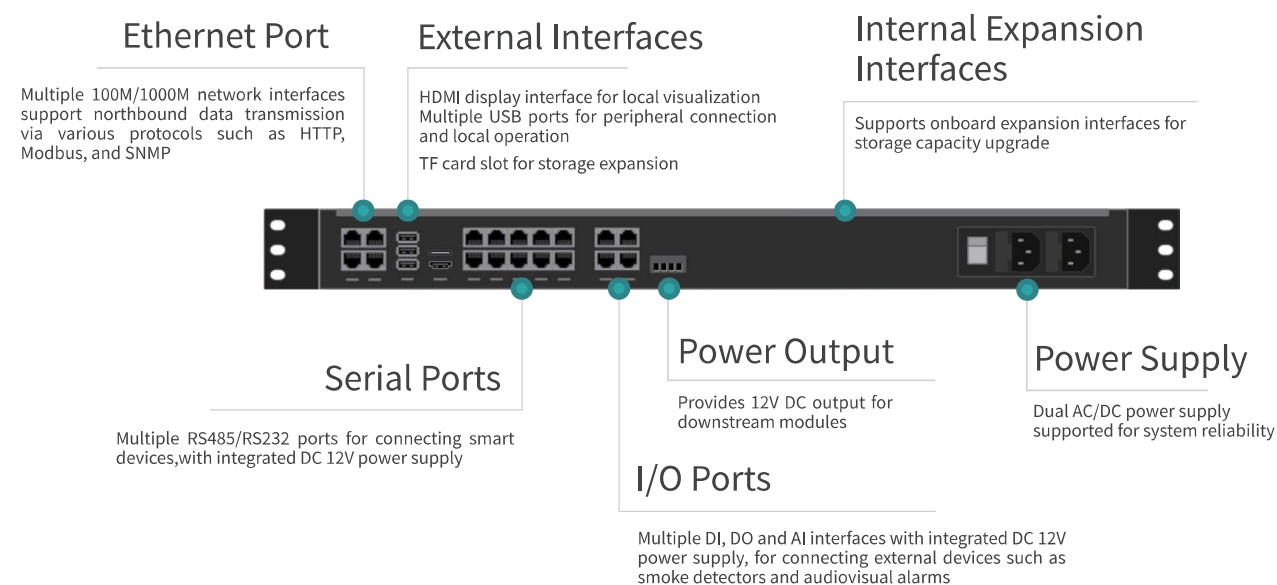
Edge Computing Gateway For Integrated Monitoring and Control

Designed to deliver intelligent data processing at the edge, the gateway combines acquisition, analysis, storage, forwarding, alerting, and local visualization in a compact, all-in-one device. It provides a reliable, scalable solution for power and environment monitoring in small to medium-sized data centers, integrated cabinets, and modular data centers.



Port Description

Note: Ports configuration and layout may vary between different models.



Product Application Classification

Flexible Processing Capabilities

The Edge Computing Gateway is available in multiple performance tiers to meet diverse deployment needs, supporting scalable data processing from small sites to large-scale monitoring systems.

Flagship Edition: Supports 100,000+ data points

Professional Edition: Supports 30,000+ data points

Elite Edition: Supports 10,000+ data points

Basic Edition: Supports 3,000+ data points

Versatile Installation Options

Designed to adapt to various deployment environments, the Edge Computing Gateway supports multiple installation form factors:



DIN rail-mounting



Rack-mounting



All-in-one embedded installation



Desktop installation

Interface Diversity

A wide range of interface configurations to support diverse deployment needs and processing capabilities.

Serial Ports

Number of serial ports: 2, 4, 6, 8, 10, 16, 18, 20, 32
Connector types: Phoenix terminal, RJ45
Protocols supported: RS232, RS485

Ethernet Ports

Number of ports: 1, 2, 4, 5
Port types: WAN, LAN
Some models support switching functionality

I/O Ports

DI ports: 2, 4, 8, 10, 12, 16
DO ports: 1, 2, 4
AI ports: Expandable: 2, 4, 8 channels

Multiple Application Scenarios

Products can be selected based on different application scenarios.



Small and medium-sized data centers



Single cabinet deployments



Multi-cabinet configurations



Single-row cold aisle containment



Dual-row cold aisle containment

Product Features



Rich Functionality

Linux-based system supporting data acquisition, parsing, storage, forwarding, alerting, and configuration management.



Simplified Integration

Seamlessly connects with environmental monitoring, access control, video surveillance, and intrusion alarm systems for streamlined network management.



Standalone Operation

Supports external industrial display screens, enabling use as an independent local environmental monitoring system with northbound interface connectivity.



High Stability

Embedded ARM-based architecture ensures stable operation with over 10 years of maintenance-free runtime.



Easy Configuration

Web-based remote configuration with intuitive interface; configuration files can be exported and replicated with a single click.



Easy Maintenance

RJ45 ports support power delivery, reducing wiring complexity; automatic configuration download on power-up simplifies deployment.