



Features

- TI Sitara AM3352 ARM Cortex-A8 1GHz CPU
- 2 x Ethernet ports, 2 x Serial port (1 x DB9)
- DC19.2 ~ 28.8V, Isolated Power
- Isolated Communication Port
- Fanless, compact designers
- PCB conformal coating protection
- -20~70°C wide operating temperature
- Metal chassis, DIN-rail mounting
- Powered by APLEX Software Smart-Connect

Specifications

Processor	TI Sitara AM3352 ARM Cortex-A8 1GHz CPU
Memory	512MB SDRAM (1GB option)
Thermal Design	Fanless
PCB Conformal Coating	Yes
Storage	4GB eMMC (8GB option)
USB Host	1
RS-232/422/485	1 x RS-232, 1 x RS-422/485
LAN	2 x 10/100 Mbit Ethernet Port
Power Connector	3-pin terminal block
Dimensions (mm)	120 x 85.45 x 31.25 mm
Net Weight (kgs)	0.45 kg
Power Input Range	DC19.2 ~ 28.8V, Isolated Power
LED Indicator	1
Chassis Material	SECC
Mounting	25mm DIN-rail mounting
Accessories	1 x Setup Manual, 1 x 25mm DIN Rail Clip, 2 x M3x6mm flat head screw, 1 x Recovery USB Drive
Operating Temperature	-20 ~ 70°C
Storage Temperature	-20 ~ 80°C
Storage Humidity	10%~90% @40°C (non-condensing)
ESD Protection	Contact Discharge 4kV, Air Discharge 8kV
Certification	CE/FCC (EN 61000-6-4, EN 61000-6-2, EN55032, EN55035), Class A
Built-in Software	Smart- Connect Protocol Conversion Software Runtime
Operating Systems	Linux Kernel 3.14

Software Feature < Smart - Connect >



- Alarm Notification
Email / SMS / Line
- Real-time Data Monitor
- Programmable Macro
JavaScript
- Online Upgrade
- Codesys PLC Handler
- Open VPN
- SECS / GEM (option)
SEMI E4 / E5 / E30 / E37 / PCBECI
- User Management
- MQTT Protocol
Broker / Client
- USB File Back-up
Datalog / Alarm History
- Web-based Software
HTML5
- PLC Driver Database
Modbus RTU / Modbus TCP / IP / CANOpen / BACnet
- Report Export
Data Logging / Alarm History
- Data Acquisition
MySQL / MS SQL / SQLite
- OPC UA
Server / Client
- Cloud Connection
Amazon AWS / Microsoft Azure / Google Cloud
- FTP
Server / Client

APLEX SiER PLC GW is powered by a web-based and simple-to-use programming software, Smart-Connect, that supports a variety of industrial communication protocols, PLC drivers, and IIoT Cloud connections as simple but reliable protocol conversion and data acquisition solution, enabling dataflow communication from legacy equipment to IT network effortlessly.

Dimensions

