

ARES-2367i

19" 2U Rack-mount Industrial Embedded Controller with Intel® Atom™ D525 Platform



Features

- **Applicable for Remote Terminal of Power Generation**
- Fanless Design
- Rugged Design for Shock/Vibration Protection
- Support 6 x LAN and 6 x COM (2 x RS-232 , 4 x RS-232/485 selectable)
- Support DDR3 SO-DIMM (up to 4GB)
- Easy Installation/Maintenance
- Intel® SSD Compatible
- China Electricity Certificate Level 4
- Redundant Power design (Dual port AC/DC IN)

System

CPU	Soldered onboard Intel® Atom™ D525 1.8GHz CPU
Memory	2 x 204-pin Dual channel DDR3 SO-DIMM sockets up to 4GB at 800MHz
Chipset	ICH8M
Graphics	Integrated Intel® GMA3150
ATA	3 x Serial ATA ports with 300MB/s HDD transfer rate
LAN Chipset	6 x Intel® WG82574L GbE controllers
Watchdog Timer	1~255 levels reset

I/O

Serial Port	2 x RS-232 ports (2 x DB9 connectors)
	4 x RS-232/485 ports selectable (1x 2x10 terminal block connectors)
USB Port	4 x USB 2.0 ports
LAN	6 x RJ-45 ports for GbE
Video Port	1 x DB-15 female connector for Analog RGB (option)
Expansion Bus	1 x Mini-card slot
	1 x SIM socket
	1 x PCI/104

Environmental

Operating Temp.	-10 ~ 60°C (14 ~ 140°F), ambient w/ air flow
Storage Temp.	-40 ~ 80°C (-40 ~ 176°F)
Relative Humidity	5 ~ 95% @ 60°C (non-condensing)
Vibration	2 g rms@IEC-68-2-34, random wave, 5~500 Hz, 1 hr per axis
Shock	Operating 20G (11ms)@IEC-68-2-27, half sine wave

Qualification

Certification	GB/T 13729 Certified (GB/T 17626, GB/T 16935.1) IEC 61850-3 Certified (IEC 61000, IEC 60664-1)
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Power Requirement

Power Input	100VAC~240VAC 100VDC~250VDC Redundant Power
Power Consumption	45W (Max.)

Storage

Type	1 x 2.5" drive bay for HDD/SSD
	2 x 3.5" drive bay for HDD/SSD
	1 x CompactFlash Type II Socket

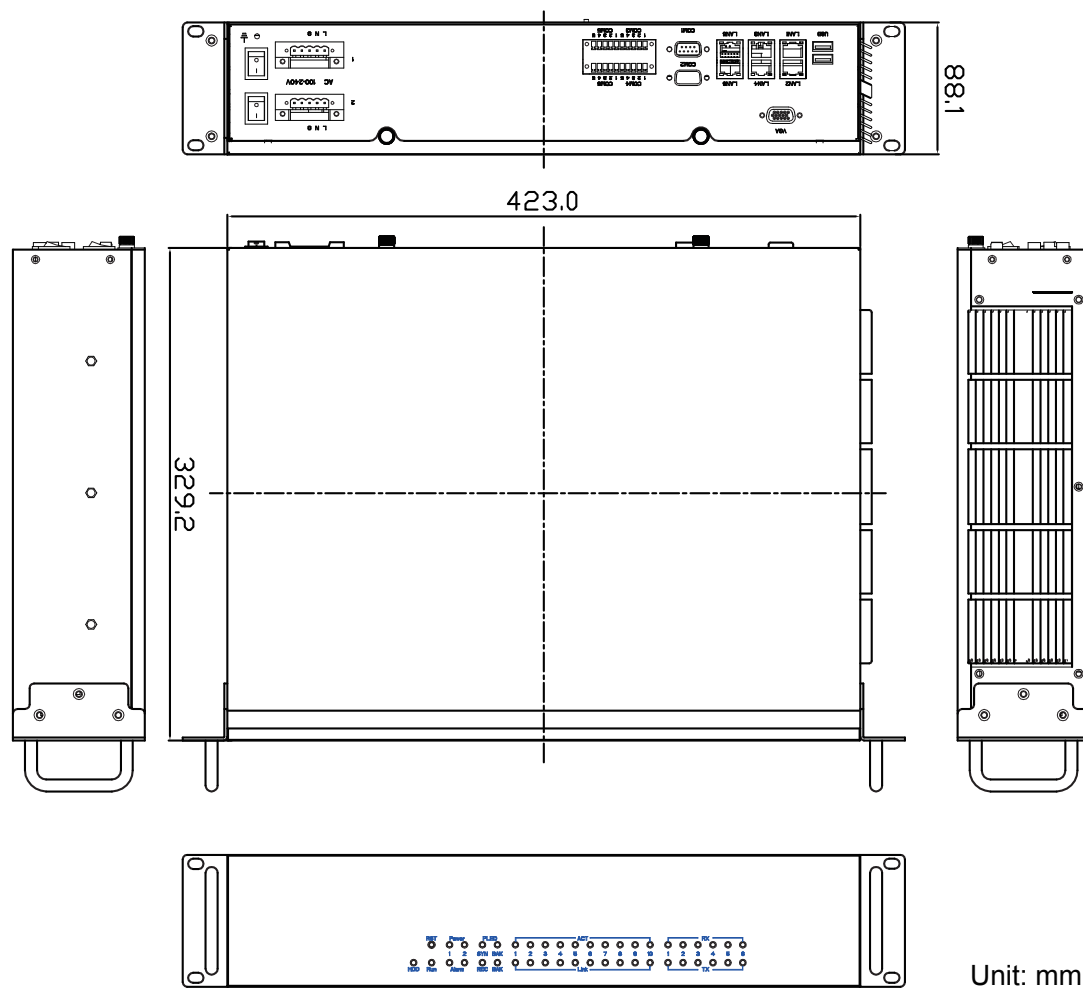
Mechanical

Construction	SECC sheet metal (1.2 mm)
Mounting	Support Rack-mount
Weight	4 kg
Dimensions (W x D x H)	330 x 423 x 88 mm (13" x 16.6" x 3.46") w/o rack-mount ears

Ordering Information

ARES-2367i-6L	Barebone system w/o storage and memory. 6 LAN
ARES-2367i-10L	Barebone system w/o storage and memory. 10 LAN (BTO)

Dimensions



Optional Configuration (CTOS* Kit)

SSD-25080

Intel® 2.5" 80GB SATAII SSD kit



2GB SO-DIMM

DDR3-1333 2GB SDRAM



*CTOS means Configure-to-Order Service.

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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