

ARES-2367i

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



Features

- **Applicable for Remote Terminal of Power Generation**
- Fanless Design
- Rugged Design for Shock/Vibration Protection
- 6 x LAN and 6 x COM supported (2 x RS-232, 4 x RS-232/485 configurable)
- DDR3 SO-DIMM (up to 4GB) supported
- Easy Installation/Maintenance
- China Electricity Certificate Level 4
- Redundant Power design

System

CPU	Soldered onboard Intel® Atom™ Processor D525 1.8GHz
Memory	2 x 204-pin 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® 82574L GbE controllers
Watchdog Timer	1~255 levels reset

I/O

Serial Port	2 x RS-232 ports via two DB-9 connectors 4 x RS-232/485 configurable ports via one 2x10-pin terminal block
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 (optional) 1 x Mini-card socket
Expansion Bus	1 x SIM socket 1 x PCI/104

Environmental

Operating Temp.	-30 ~ 60°C (-22 ~ 140°F), ambient w/ air flow -40 ~ 70°C (-40 ~ 158°F), ambient w/ air flow for ARES-2367i-WT-6L
Storage Temp.	-40 ~ 80°C (-40 ~ 176°F)
Relative Humidity	10 ~ 95% @ 60°C (non-condensing) 10 ~ 95% @ 70°C (non-condensing) for ARES-2367i-WT-6L
Vibration	3G rms/5~500Hz /random Operation
Shock	Operating 40G (11 ms) Non-operation 60G with SSD

Qualification

Certification	<ul style="list-style-type: none"> • 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
Power Consumption	Max. 45W

Storage

Type	1 x 2.5" drive bay for HDD/SSD 2 x 3.5" drive bays for HDD/SSD 1 x CompactFlash Type II socket
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Mechanical

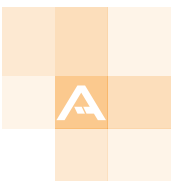
Construction	SECC sheet metal (1.2 mm)
Mounting	Rack-mount
Weight	4kg (8.82lb)
Dimensions (W x D x H)	330 x 423 x 88 mm (13" x 16.6" x 3.46") w/o rack-mount ears

OS Support

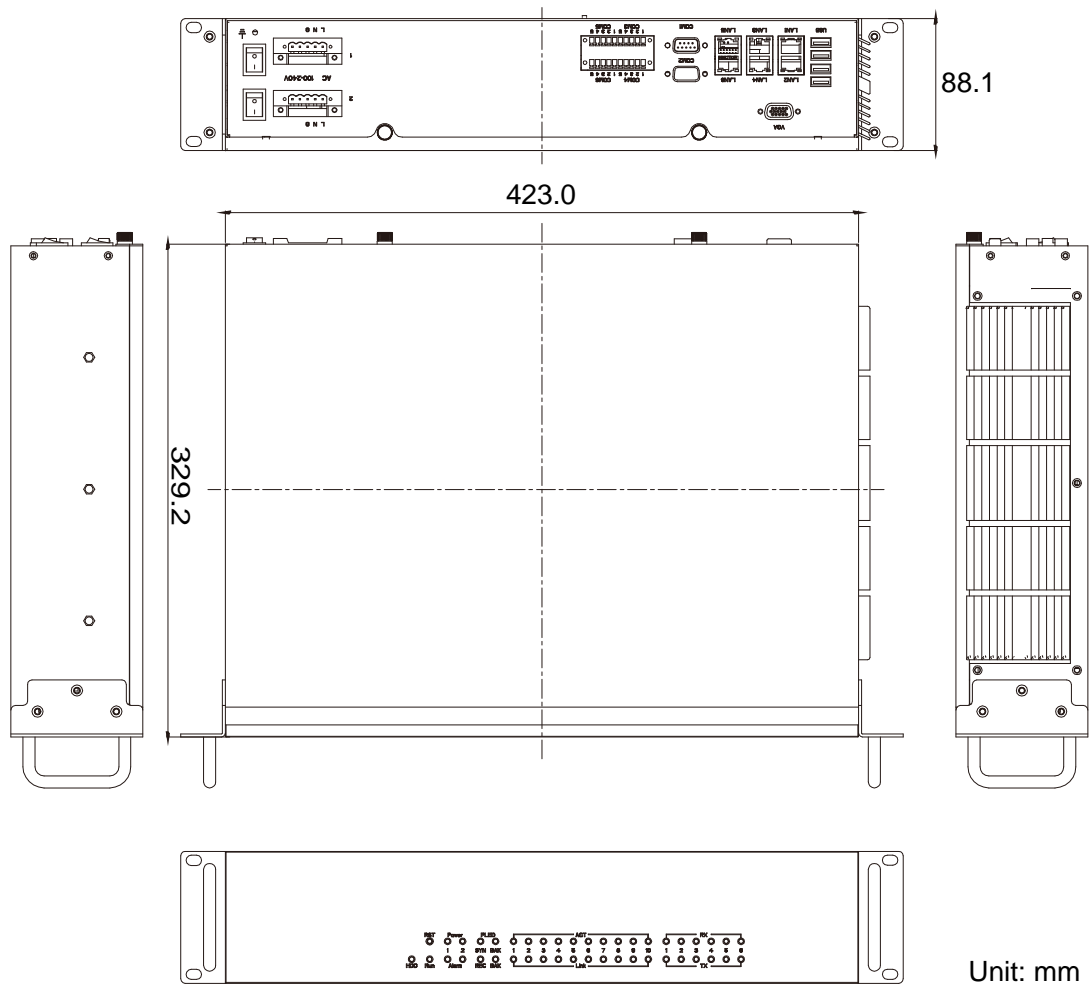
XPe / WS7E / WS7E

Ordering Information

ARES-2367i-6L	Barebone system w/ 6 LAN ports and w/o storage and memory
ARES-2367i-10L	Barebone system w/ 10 LAN ports and w/o storage and memory (BTO)
ARES-2367i-WT-6L	Wide-temperature barebone system w/ 6 LAN ports and 2GB WT DDR3 memory module and w/o storage
ARES-2367i-WT-10L	Wide-temperature barebone system w/ 10 LAN ports and w/o storage and memory (BTO)



Dimensions



Optional Configuration (CTOS* Kit)

SSD-25032 Memoright 2.5" 32GB SATAII SSD kit



MM-3C-2G DDR3-1333 2GB SDRAM



*CTOS means Configure-to-Order Service.