

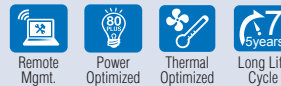
SYS-2U2320-4A03

3rd Gen Intel® Core™ i7/i5/i3 2U ATX System with 3 Expansion Slots



Features

- Intel® H61 Platform
 - Intel® Core™ i7/i5/i3 CPU (LGA1155)
 - Two DIMM sockets support up to 16 GB DDR3 1066/1333/1600
- Expansion Capability
 - 1 PCIe x 1 / 3 PCI
 - Four 3.5" HDD Bay and One Slim Optical Drive
- Thoughtful and Management Design
 - Intelligent remote manageability
 - Smart fan control
 - Lockable front door prevents unauthorized access
 - 300W power supply

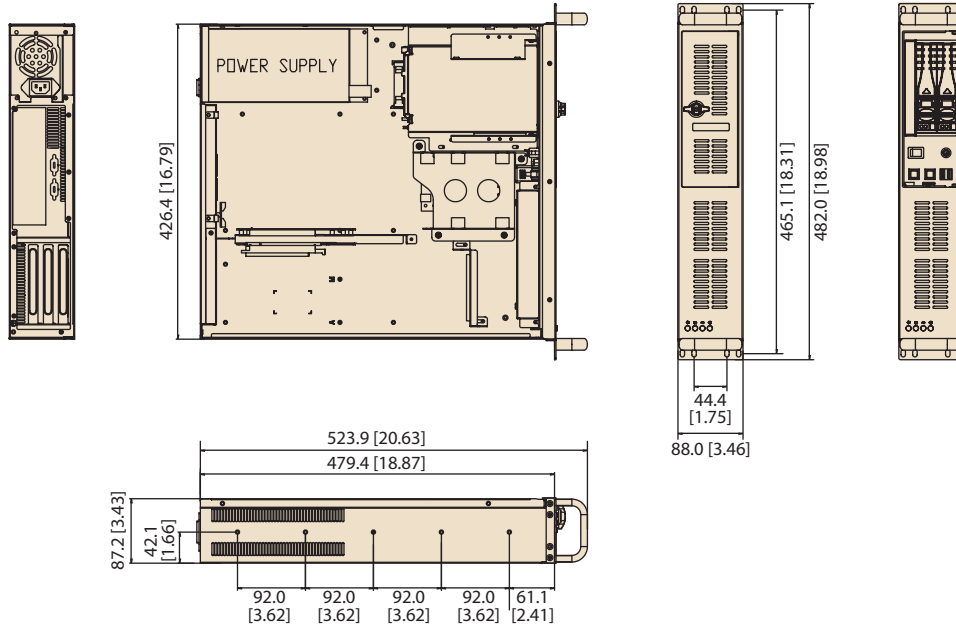


Specifications

| | | | | | |
|--------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------|--------------|
| Processor System | CPU | Core i7 3xxx | Core i5 3xxx | Core i3 3xxx | Pentium G8xx |
| | Speed | 3.4 GHz | 3.4/3.3 GHz | 3.4 GHz | 2.9 GHz |
| | L3 Cache | 8 MB | 6 MB | 3 MB | 3 MB |
| | Socket | LGA1155 | | | |
| | Chipset | H61 | | | |
| | BIOS | AMI 64 Mbit SPI | | | |
| Memory | Technology | Dual Channel DDR3 1066/1333/1600 (1600 is only supported by Core i7/i5/i3 3xxx series processors) | | | |
| | Max. Capacity | 16 GB | | | |
| | Socket | 2 x 240-pin DIMM | | | |
| Graphics | Controller | Intel HD Graphics | | | |
| Expansion Slot | PCI Express x 1 | 1 (for AIMB-R4301-03A1E) | | | |
| | PCI | 3 (for AIMB-R430P-03A2E) | | | |
| Ethernet | Interface | 10/100/1000 Mbps | | | |
| | Controller | GbE LAN1: Intel 82579V, GbE LAN2: Intel 82583V | | | |
| Storage | | Front-accessible | | Internal | |
| | Slim Optical Disk Drive | 1 | | - | |
| | 3.5" | 2 (SAS/SATA HDD) | | 2 | |
| Front I/O Interface | USB | 2 | | | |
| | PS/2 | 1 | | | |
| Rear I/O Interface | VGA | 1 | | | |
| | DVI | 1 | | | |
| | Ethernet | 2 | | | |
| | USB | 4 | | | |
| | Audio | 2 (Mic-in, Line-out) | | | |
| | Serial | 2 (RS-232) | | | |
| | PS/2 | 2 (1 x keyboard and 1 x mouse) | | | |
| Watchdog Timer | Output | System reset | | | |
| | Interval | Programmable 1 ~ 255 sec | | | |
| Power Supply | Output Rating | 300W | | | |
| | Input Voltage | 100 ~ 240 V _{AC} | | | |
| Cooling | Fan | 2 (8 cm /47 CFM each) / 2 (8 cm /47 CFM each) + 1 (6 cm /28 CFM) for SAS/SATA storage unit | | | |
| | Air Filters | Yes | | | |
| Miscellaneous | Remote Management | Remote monitoring: temperature, fan speed, HD status, voltage Active control: schedule on/off, remote KVM Complete protection: system recovery (Acronis), system protection (McAfee) | | | |
| | LED Indicators | Power, HDD, temperature, fan | | | |
| | Rear Panel | Two 9-pin D-Sub openings | | | |
| | | Operating | Non-operating | | |
| Environment | Temperature | 0 ~ 40° C (32 ~ 104° F) | -20 ~ 60° C (-4 ~ 140° F) | | |
| | Humidity | 10 ~ 85% @ 40° C, non-condensing | 10 ~ 95% @ 40° C, non-condensing | | |
| | Vibration (5 ~ 500 Hz) | 1 Grms | 2 G | | |
| | Shock | 10 G (with 11 ms duration, half sine wave) | 30 G | | |
| Physical Characteristics | Dimensions (W x H x D) | 482 x 88 x 480 mm (19" x 3.46" x 18.9") | | | |
| | Weight | 10.7 kg (23.5 lb) / 11.7 kg (25.7 lb) | | | |

Dimensions

Unit: mm [inch]



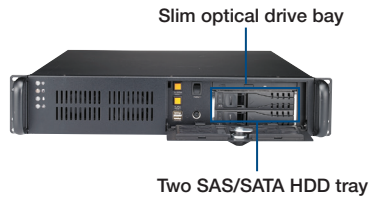
Ordering Information

Please visit Advantech eStore for order entry
<http://buy.advantech.com/>

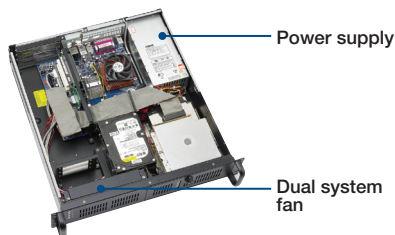
System Content

| Item | P/N |
|--------------|--------------------------------------|
| Chassis | ACP-2320MB-00CE |
| Motherboard | AIMB-701G2-00A1E |
| Riser Card | AIMB-R430P-03A2E AIMB-R4301-03A1E |
| Power Supply | 1757000007G (ATX, PFC) |

Front View



Inside View



Rear View

Rear I/O bracket for low profile add-on cards

