

ASR-3472

4U 24-bay Storage Server with Reliable Data Protection and Backup Solution



Features

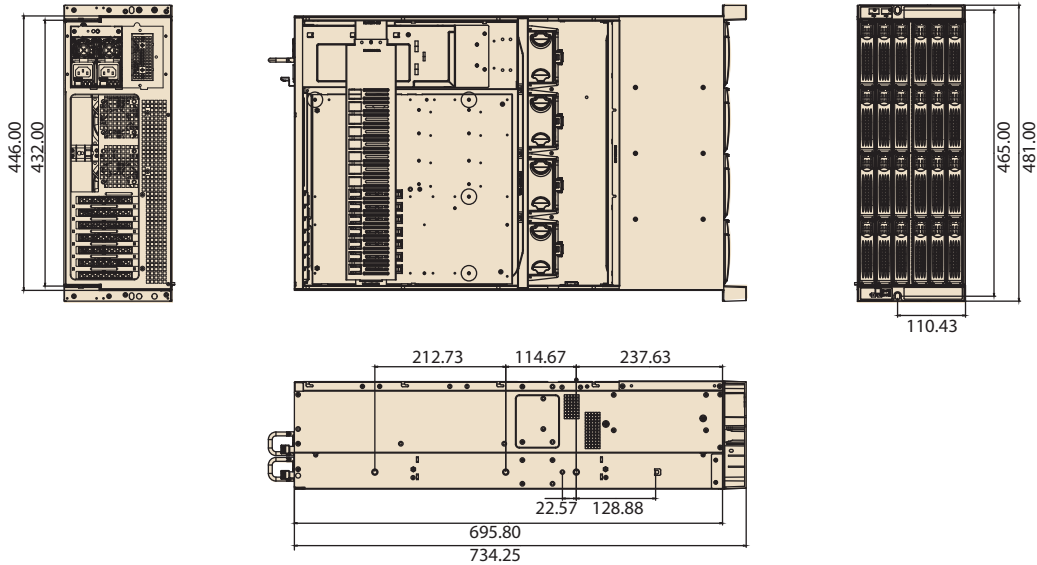
- Supports Intel® Xeon® E3-1200/E3-1200 v2 series up to 4 cores/8 threads
- Supports DDR3-1333/1600 MHz(ECC) U-DIMM up to 32 GB
- Supports 24x hot-swappable 3.5"/2.5" SATA/SAS 6Gb/s drives
- Advanced RAID feature by LSI SAS2108 ROC
- BBU option for data protection
- Remote management with Intel AMT
- Full length PCI card support
- 0 ~ 40° C industrial-temperature
- High efficiency (80+) redundant power supplies
- Up to 2850 MB/s drive side bandwidth

Specification

| | | |
|----------------|----------------------------|--|
| System | Form Factor | 4U 24-Bay |
| | Number of Drives | 24-bay (3.5"/2.5") |
| | Drive Type | SATA/SAS 6Gb/s or 3Gb/s |
| | CPU Type | LGA 1155 Xeon 1200V2 or 3rd Generation Core i3 processor |
| | Chipset | Intel C216 Chipset |
| | Memory Type | 4 x 240 pin DDR3 up to 32 GB |
| | Storage Expansion | No |
| | RAID Level | 0, 1, 5, 6,10, 50, 60 |
| | TPM | Yes (optional) |
| | Smart Fan Control | Yes (smart fan control for both cpu & sys fan) |
| Expansion Slot | PCIe x16 slot with x8 link | 1 |
| | PCIe x4 slot | 2 |
| | PCI | 3 |
| Display | Chipset | Integrated Intel HD Graphics(GT2-P4000 or GT1-2500) |
| | Display Memory | 1 GB maximum shared memory with 2 GB and above system memory installed |
| | VGA | Onboard, supports up to 2048 x 1536 (@60Hz) |
| Ethernet | Gigabit Ethernet | 4 |
| I/O | Front Panel I/O Port | 2 USB 2.0 1 PS/2 Keyboard/Mouse |
| | Back Panel I/O Port | 1 VGA Port 1 COM RS-232 Port 2 USB 2.0 Ports 2 USB 3.0 Ports 4 LAN RJ45 Port |
| | Internal I/O Connector | 1 Parallel Port pin header 1 COM Port pin header 1 Audio Port pin header 1 TPM Pin Header 1 USB 3.0 Pin Header 2 USB Type A connectors 3 USB 2.0 Pin Headers |
| Power Supply | Power Output Wattage | 875W Redundant Power |
| | Input Range | AC 100-240V |
| Mechanical | Dimension | 699 x 432 x 176 (mm) |
| | Weight | 42 kg (without hard drivers) |
| Environmental | Operation | Non-operation |
| | Temperature | 0° C ~ 40° C (32° F ~ 104° F) -20° C ~ 60° C (-4° F ~ 140° F) |
| | Humidity | 10% ~ 85% @ 40° C, non-condensing 10% ~ 95% @ 40° C, non-condensing |
| | Vibration (5-500 Hz) | 0.25Grms - |
| Misc | Notification LED | Power Status, System Fail, LAN LED |

Dimensions

Unit: mm



Order Information

| Advantech P/N | Description |
|----------------|--|
| ASR-3472-24A1E | 4U-24Bay Rackmount Storage Server |
| 1960047831N001 | Cooler for LGA 1155 processors and TDP up to 95W |

Note: Purchasing this CPU cooler from Advantech is a must. Other brands' CPU coolers may result incompatibility.

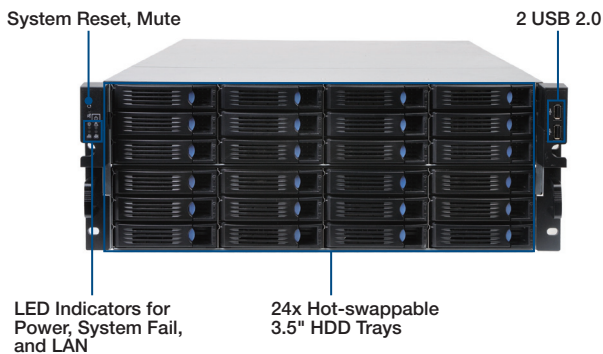
Compatible Processors

| Advantech P/N | Description |
|-------------------|---------------------------------------|
| 96MPXE-3.5-8M11T | Xeon 3.5G 8M 1155P 4CORE E3-1275V2 |
| 96MPXE-3.2-8M11T1 | Xeon 3.2G 8M 1155P 4CORE E3-1225V2(G) |
| 96MPI3-3.3-3M11T1 | Core 3.3G 3M 1155P 2CORE I3-3220(G) |

Optional Parts

| Advantech P/N | Description |
|------------------|--|
| PCA-TPM-00A1E | TPM Module with Infineon TPM 1.2 solution |
| 1700002204 | Dual port USB 2.0 cable (27 cm) with bracket |
| 1700008461 | Four port USB 2.0 cable (30.5 cm) with bracket |
| 1700008809 | Printer port cable kit |
| 1701090401 | COM port cable with bracket |
| 1700020277-01 | Dual port USB 3.0 cable with bracket |
| AIMB-AUDIO-HDA1E | HD Audio-Card |
| 96RC-IBBU07-LS | LSIIBBU07 BATTERY BACKUP UNIT |

Front View



Rear View

