ASR-3472

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



CE FCC

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 supply
- Up to 2850 MB/s drive side bandwidth

Specification

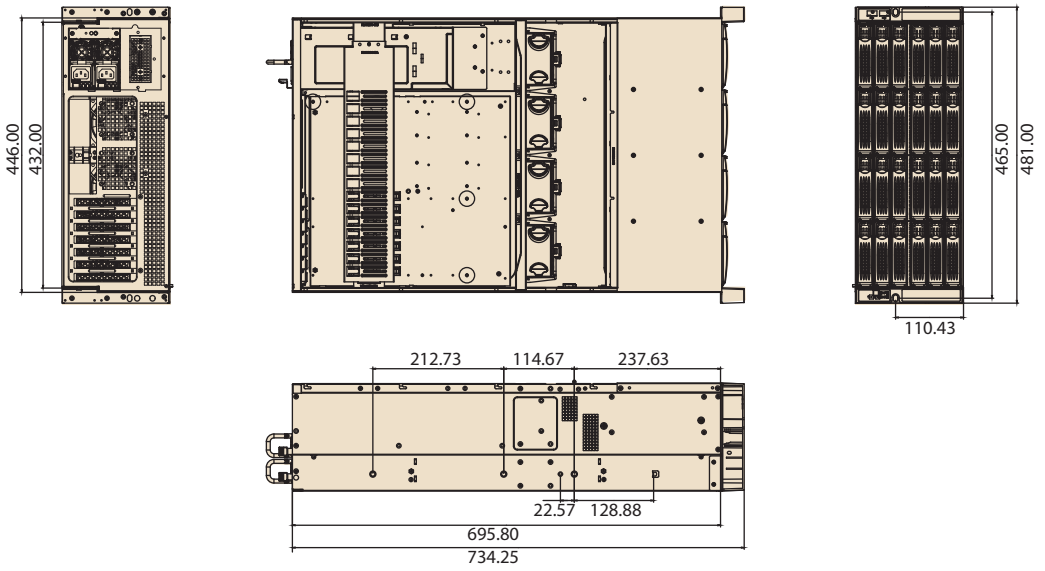
System	Form Factor	4U 24-Bay	
	Number of Drives	24-bay (3.5"/2.5")	
	Drive Type	SATA/SAS 6Gb/s or 3Gb/s	
	CPU Type	LGA 1155 Xeon 1200V2 or 3rd Generation Core i3 processor	
	Chipset	Intel C216 Chipset	
	Memory Type	4 x 240 pin DDR3 up to 32 GB	
	Storage Expansion	No	
	RAID Level	0, 1, 5, 6,10, 50, 60	
	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	
	Back Panel I/O Port	1 PS/2 Keyboard/Mouse 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	

All product specifications are subject to change without notice

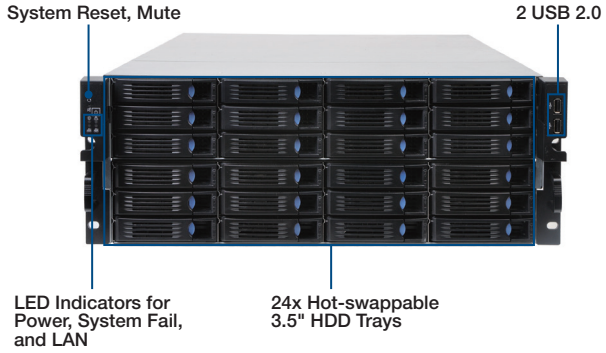
Last updated : 23-Oct-2015

Dimensions

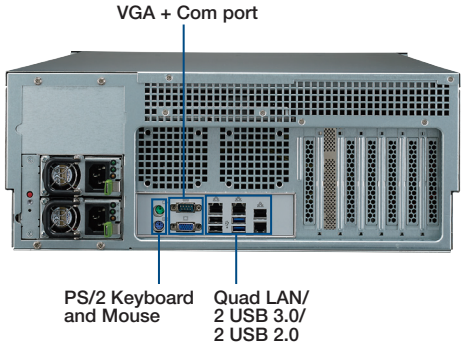
Unit: mm



Front View



Rear View



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:

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

System Contents

Description	Quantity
27" Slide Rail Kit	1
875W 80 PLUS 1+1 redundant power supply	1
Internal Mini-SAS Cable 600mm, SFF-8087 to SFF-8087	2

Optional Accessories

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

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)