IP1100-1102

IP1100 NAS/iSCSI Appliance

AIC

Features
NAS/iSCSI functionality with ten(10) SFF SATA disks support
Support RAID levels 0, 1, 5, 6 with Email Notification
4x 1Gbps GbE host ports, with 2x 3Gbps eSATA expansion
Web based Storage Management GUI for remote access
Hardware monitoring over ethernet for drive, CPU, RAID, etc.
Event Notification through SNMP

2 x Front-Access GbE Ports

Rear View
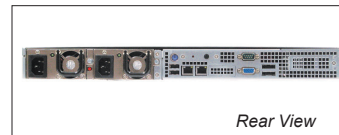
Dimensions (W x D x H)
(with chassis ears/protrusions)

mm : 482.6 x 482.6 x 44.4
inches : 19 x 19 x 1.75

IP1100 series NAS/iSCSI appliance offers both NAS & iSCSI hybrid functionalities in a single system, providing users unparalleled flexibility by centralizing both file and block-level storage through IP network.

Based on the 45nm Next-Generation Intel® Atom™ Microarchitecture, AIC's IP1100 series NAS/iSCSI RAID appliance is a cost effective and power efficient IP-storage solution with targeted performance and low power consumption.

⬡ Unified File and Block-level Storage

- Support NAS and iSCSI functionality in a single system.

- IP based storage management combines NAS & iSCSI functionality for centralized storage and storage consolidation.

⬡ Ease of Management

- Web based Graphical User Interface (GUI) provides a centralized view of all data under management, adding efficiency and security over the web.

- Hardware monitoring over Gigabit Ethernet, for disk drives, CPU, memory, and more.

⬡ Cost Effective & Environmental Friendly

- File sharing, backup & recovery, storage consolidation, disaster recovery.

- Remote replication at block or volume level enables cost-effective disaster recovery.

- Power-efficient solution with Intel® Atom™ processor - the world's smallest size and lowest power processor.

⬡ Flexibility and Reliability

- Heterogeneous support for a broad range of network environment and protocols allowing data to be easily shared among different platforms.

- Reliable disk based backup and recovery, along with Snapshot capability enable fast and reliable backup and restore.

intel Atom inside   FC   CE   Serial Attached SCSI   SERIAL ATA 3Gb/s   RoHS

SPECIFICATIONS

GENERAL

RAID Engine	Open-E® DSS Software RAID
Storage Processor	Dual Core Intel® Atom™ Processor 330 1.60 GHz, 533 MHz FSB, 1M Cache
Hybrid Technology	NAS/iSCSI
Host Interface	Quad GbE ports (2 x front + 2 x rear)
Expansion Interface	2x eSATA
Memory	1G DDR2 533/667MHz SO-DIMM up to 4GB (2 x 2GB)
Drive Support	10 x 2.5" SATA

FUNCTIONALITY

NAS Features	SMB/CIFS, FTP, Secure FTP, HTTP, Apple Talk, NFS v2/v3 Window Active Directory / Primary Domain Controller
iSCSI Features	IP Address restriction for a Target, CHAP user Management, MPIO Support

ADMINISTRATION / MONITORING

Graphical User Interface	Web-based
Monitoring	Hardware, SNMP (v2, v3), Email Notification, Log Function

MANAGEMENT

Network Management	DHCP Client, Multiple Network, Interface Card Support, Teaming/Bonding (including Adapter Fault Tolerance), Proxy Setting, IP-sec, Jumbo Frame Support
Storage Management	Software iSCSI Initiator, Software RAID 0, 1, 5, 6 with Email Notification, Volume Support (2TB Physical & Logical, 16TB Logical) Multiple Snapshot, Multiple Logical Volume & Groups, Online Logical Volume Expansion, Support for Online Logical Volume Expansion, Volume Replication

OS SUPPORT

Supported Network Clients	Microsoft Windows, Unix, Linux, Mac OSX
Supported File Protocol	SMB/CIFS, FTP, Secure FTP, HTTP, Apple Talk, NFS v2/v3/v4

ELECTRICAL & ENVIRONMENTAL

Power Supply	300W 1+1 hot-swap Redundant PFC
Universal A/C Input	100VAC ~ 240VAC

PHYSICAL SPECIFICATION

Gross Weight	w/ PSU; w/o Rail & Disks	15.5kgs / 34.1lbs
Packaging Dimension (W x D x H)	mm	586 x 734 x 250
Cubic Feet		3.8
Reference Container Loading	20'	250
	40'	515
	40' H	620

Ordering Information

Part Numbers	Descriptions
SSG-IPCA4G0-1100-A1	1U with 300W redundant power supply, 10x2.5 bays