

# IP100-T103

# AIC

IP100 NAS/iSCSI Tower

## Features

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



Dimensions (W x D x H)

mm : 177 x 311 x 457  
inches : 7 x 12 x 18

IP100 series NAS/iSCSI tower 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 IP100 series NAS/iSCSI RAID tower 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.

### 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.

### 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.

### 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.



## 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   |
| Expansion Interface | 2x eSATA   |
| Memory              | 1G DDR2 533/667MHz SO-DIMM up to 4GB (2 x 2GB)                       |
| Drive Support       | 10 x 3.5" SATA   |

### FUNCTIONALITY

|                |   |
|----------------|---|
| NAS Features   | Window Active Directory / Primary Domain Controller , Support for Network Information Service (NIS), Internal and External LDAP, ADS & NIS User / Group ID Synchronization, File System with Journaling Support, User and Group Quota Control |
| 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        | 400W Single PFC |
| Universal A/C Input | 100VAC ~ 240VAC |

### PHYSICAL SPECIFICATION

|                                 |                   |                    |
|---------------------------------|-------------------|--------------------|
| Gross Weight                    | w/ PSU; w/o Disks | 13.8kgs / 30.36lbs |
| Packaging Dimension (W x D x H) | mm                | 270 x 410 x 595    |
| Cubic Feet                      |                   | 2.3                |
| Reference Container Loading     | 20'               | 410                |
|                                 | 40'               | 840                |
|                                 | 40' H             | 1010               |

### Ordering Information

| Part Numbers       | Descriptions   |
|--------------------|--|
| SSG-IPCA4G1-010-A1 | NAS/iSCSI tower with 400W single power supply, 10x3.5 bays |