

## Features

- NAS/iSCSI functionality with five 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 280  
inches : 7 x 12 x 11

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       | 5 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        | 250W Single 80+ |
| Universal A/C Input | 90VAC ~ 264VAC  |

### PHYSICAL SPECIFICATION

|                                 |                   |                 |
|---------------------------------|-------------------|-----------------|
| Gross Weight                    | w/ PSU; w/o Disks | 9kgs / 19.8lbs  |
| Packaging Dimension (W x D x H) | mm                | 294 x 391 x 412 |
| Cubic Feet                      |                   | 1.7             |
| Reference Container Loading     | 20'               | 560             |
|                                 | 40'               | 1150            |
|                                 | 40' H             | 1380            |

### Ordering Information

| Part Numbers       | Descriptions  |
|--------------------|---|
| SSG-IPCA4G1-005-A1 | NAS/iSCSI tower with 250W single 80+ power supply, 5x3.5 bays |