

# IP504-NASPRO

IP504 NAS/iSCSI Tower



## 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

IP500 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, Biostar's IP500 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+ (Bronze)
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 Number	Description
IP504-NASPRO	NAS/iSCSI tower with 250W single 80+ power supply, 5x3.5 bays