



# Promise Atlas S8+

The perfect shared storage solution for small workgroups

## Benefits

- Store, share, and collaborate with your team
- High performance for video and IT needs
- Massive capacity using 14TB 7200 rpm SATA HDDs
- Feature-rich data services and embedded software
- Enterprise-class 3-year warranty and optional 24/7 phone and web support

## Highlights

- Shared storage over Thunderbolt™ 3 or 10GbE, and 1GbE
- 8 drives in a compact desktop system-up to a massive 112TB\*
- Optional SSD module for caching
- Enterprise-class NAS Operating System and advanced data protection
- Virtualization Ready- VMware, Citrix and Hyper-V certified
- Enterprise-level Data services Enhanced data protection and security features
- Complete backup solution

## Product Overview

The Promise Atlas is a compact, fully integrated, shared-storage appliance that is perfect for small workgroups. Offering a wide range of capacity choices and a rich feature set, the Atlas is an ideal solution for Rich Media and IT Professionals alike.

With eight 7200 RPM drives and a Quad-Core Intel processor, the Atlas S8+ is well equipped to handle multiple clients with demanding workloads over Thunderbolt™ 3 or 10GbE, while sustaining other clients over 1GbE. Add your own SSD into the enclosure for even faster response with caching.

Promise integrated solutions include an enterprise-class 3-year warranty and optional 24/7 phone and web support.

## Use Cases

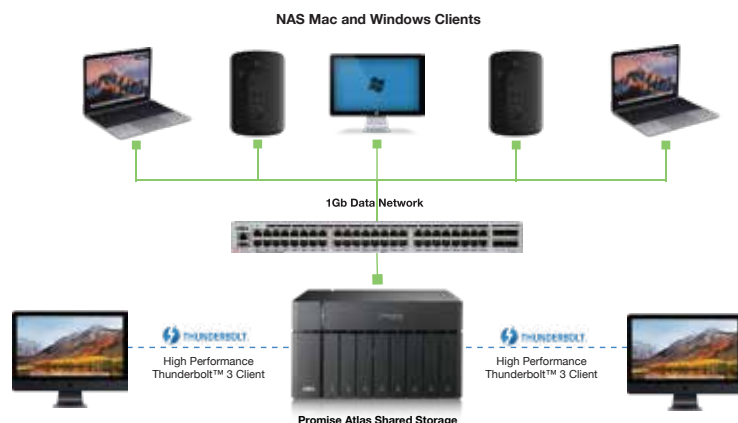
### TB3 & 10GbE Clients



### Local and Cloud Backup



### Workgroup Shared Storage



System Models	Atlas S8+ Thunderbolt™ 3	Atlas S8+ 10GBaseT
<b>Hardware</b>		
Interfaces & ports	2 x Thunderbolt™ 3 4 x 1Gb Ethernet 5 x USB3.0 1 x HDMI	2 x 10Gb/s Ethernet 4 x 1Gb Ethernet 5 x USB3.0 1 x HDMI
CPU	Intel® Core™ i5 2.7GHz Quad-Core (maximum 3.3GHz) Processor	
Memory	16GB DDR4 SODIMM, optional upgrades to 32GB	
Hard Drives	8 x SATA3 7200 rpm HDDs	
SSD	Optional SSD module	

## System Information

Temperature Range	Operating : 5 to 40°C, Non-Operational: -10 to 50°C
Humidity	Operating : 20% to 80% (Non-Condensing), Non-Operating : 10% to 90%
Dimension (H x W x D)	177 x 310 x 235 mm (6.9" x 12" x 9.2")

## Warranty & Support

Warranty	Enterprise class warranty, up to 3 years with optional 24/7 phone/web support
----------	---

## Software

### General WG Backend Storage

- NAS application server (Gigabit/10GbE NIC)
- iSCSI storage (Gigabit/10GbE NIC)
- Direct attached storage with Thunderbolt™ 3 .0

### FTP Server

- Supports data access from remote location via FTP
- FTP with SSL/ TLS (explicit) mode
- FXP supported
- FTP bandwidth control and connection control
- Passive FTP port range control

### Backup Server

- 3rd party backup software support: Acronis True Image, CA Brightstor ARCserve Backup, EMC Retrospect, Symantec Backup Exec, LaCie Silverkeeper
- Snapshot replication
- Time Machine backup server
- External storage device backup
- Block-level real time remote replication supports instant, schedule backup management
- AMirror (Multi-side data synchronization)
- Cloud backup: Amazon S3
- Cloud synchronization: Google Drive, Windows OneDrive, Dropbox

### NAS Discovery

- Easy and convenience device discovery utility and web browser applet included

### File System

- ZFS , EXT2 , EXT3 , EXT4 , FAT, NTFS

### Supported Operating System

- Windows, Mac OS X, Linux (2.6 or later) and UNIX

### Networking

- VLAN
- Link aggregation (support 7 bonding modes)
- Multi-IP settings
- Gigabit Jumbo Frame

### File Server

- File sharing across Windows/Mac/Linux/UNIX and centralized management

### Connection

- IPv4, IPv6 and DDNS domain name registration
- Auto port forwarding

### Disk Management

- Single disk, RAID0 , 1 , 5, 6, 10, 50, 60 and JBOD (Linear Disk Volume)
- Multiple volume and storage pool
- User defined storage (Generic, Media, Database)
- Online pool/volume Capacity Expansion
- Pool/ volume usage threshold notification
- Self-encrypting drives (SED) pool level protection
- Pool write cache
- Scrub pool
- Convert cloned volume
- Virtual volume (mount disk from remote iSCSI target)
- Set free and replace disk
- HDD S.M.A.R.T.
- Built-in iSCSI target and initiator service
- External device management
- Global and dedicate hot spare disk
- Zero time RAID creation and quick rebuilding
- Auto Tiering
- SSD read/write cache
- Deduplication (volume and LUN)
- Snapshot (folder and LUN)
- Compression (volume and LUN)
- Thin Provision for LUN
- SSD Trim

### User Management

- Local / domain user and group management
- Local / domain application privilege
- User quota for local and domain user
- Home folder
- Windows AD and LDAP
- Trust domain and support up to 200,000 domain users

## Folder Management

- Advance file ACL
- Windows ACL
- Hide shared folder on Windows network
- Unicode support
- WORM (Write Once Read Many protection)
- Folder usage threshold notification
- Folder quota

## System Tool

- NTP time settings
- Notification: E-mail alert (SMTP authentication), Syslog, and SNMP
- System firmware upgrade
- Backup, restore, reset system settings
- Import system configuration
- Antivirus
- Smart fan
- IP access control
- Policy-based unauthorized IP blocking
- Secure remote login by SSH connection
- Connection list management
- USB, SNMP, UPS support
- Network recycle bin
- Import SSL certificate
- Real-time Resource (CPU, Memory, Storage, Disk, Process) / Hardware/ service/ network resource monitor

## Power Management

- HDD hibernation
- Power schedule
- Wake on LAN
- UPS settings
- Recover from power outage

## System Optimization Setting

- Service binding

## Log

- System log
- System connection and data transfer log

## Utility

- AFinder, Acronis True Image OEM (Windows backup utility)

## Multi Browser Support

- Internet Explorer, Safari, Firefox, Google Chrome

## File Manager

- File preview
- Embedded media player
- Filter capability
- Mount Cloud Drives Support (Google Drive, OneDrive, Dropbox)
- Mount ISO image support
- CIFS, FTP, SFTP and WebDAV client
- Share link
- Team folder sharing
- Publish to Facebook, Twitter, Weibo
- Media library
- Media streaming
- Online document preview and editing
- Transcoding (online/offline)
- Compression support

## Service

- File service: CIFS, AFP, NFS, FTP, WebDAV
- Backup service: Rsync
- Discover service: Bonjour

