

Operating System	64bit embedded Linux
Unified Storage Server	NAS application server (Gigabit/10GbE NIC) iSCSI Fibre Channel storage (FCP)
File Server	File sharing across Windows/Mac/Linux/UNIX and centralized management
FTP Server	Supports data access from remote location via FTP Bandwidth Control Connection control FTP with SSL/TLS (explicit) mode FXP supported Passive FTP port range control
Backup Server	Snapshot and Replication Block-Level Snapshot and Replication Schedule Snapshot Snapshot retention policy Xmirror Time machine* Public Cloud backup*: Alibaba Cloud OSS, HiCloud S3, Amazon S3 and S3 compatible Public Cloud synchronization*: Google Drive, Microsoft OneDrive, Dropbox
Connection	IPv4 IPv6* and DDNS* UPNP* QSAN Cloud*
Networking	VLAN Link aggregation (support 11 bonding modes) Multi-IP settings Gigabit Jumbo Frame
File System	ZFS EXT2 EXT3 EXT4 FAT NTFS HFS
Supported Operating Systems	Windows Mac OS X Linux (2.6 or later) and UNIX
Storage Management	RAID 0 1 5 6 Z3 10 50 60 Global and Dedicated spare disk Disk management Disk S.M.A.R.T check Instant RAID RAID Fast Rebuild Multi-pool and volume management Build in iSCSI initiator and target Storage capacity management Pool and Volume threshold notification Online Pool expansion and migration Online volume expansion Auto-tiering* External storage device management Pool encryption Disk caching Data scrubbing Hybrid SSD cache Deduplication(Volume and LUN) Snapshot (Folder and LUN) Compression (Volume and LUN) Thin Provision for LUN Self-Encryption Drive (SED)
High availability	<ul style="list-style-type: none"> • Dual Active(Active/Active) NAS controller • support ALUA • Management port fault migration • Fault-tolerant and redundant module components for NAS controllers, PSU, FAN modules, and dual-port disk interfaces • Dual port hard disk tray connector • Multipath I/O and load balancing support (MPIO MC/S Trunking and LACP) • Firmware update without system downtime • Cache-to-Flash memory protection
User Management	Local / domain user and group management Local & domain application privilege Home folder Windows AD and LDAP support
Folder Management	Trust domain and support up to 200,000 domain user Advanced ACL Windows ACL Hide shared folder on Windows network Folder quota WORM (Write Once Read Many protection) File retention
System Tool	SNMP Anti-Virus* IP access control Real-time Resource (CPU, Memory, Storage, Pool, Process)/ Hardware/ Network resource monitor
Power Management	Power scheduling Wake on LAN UPS settings
System Optimization Settings	Service binding* User application mode* SSD Trim
Log	System log System connection and data transfer log
Notification	email SNMP syslog RESTful API
File Manager	File Manager (Web UI)
Service	iSCSI FCP* CIFS AFP* NFS FTP* WebDAV* Bonjour*
Virtualization	Windows: Hyper-V, storage space, VMware ready, VAAI, SRM*, Citrix ready
Multi-Browser Support	Internet Explorer Safari Firefox Google Chrome
Utility	XFinder, Xinsight, XReplicator
Mobile App	XAccess (iOS Android)
Notes	* will be supported in the later firmware