



QSAN Document - Release Note

XN 3000/5000/8000

Version 3.1.0

Sep. 2018

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Release Information

Qsan is pleased to announce the release of QSAN XN3000/5000/8000 firmware V3.1.0, the latest firmware for the following Qsan NAS products:

- **Systems: XN3000/5000/8000**
- **Firmware: 3.1.0 (Sep. 2018)**
- **New Features and Enhancements**
 - Add new RAID level, Z3 in creating or expanding pool
 - Add Snapshot lock function in snapshot management
 - Add new snapshot retention policy.
 - Add File retention for Shared folder
 - Add Snapshot single file restore to local, remote and cloud.
 - Add Japanese / German / Poland / French / Russia Language
 - Support XMirror for Volume level sync and back
 - Support AWS S3 compatible server
 - Support HiCloud S3
 - Support special character in password
 - Enhance system stability
 - Enhance the stability while updating system firmware.
 - Enhance Facebook login patch for security requirement.
 - Enhance system status check
 - Enhance Quick install network retry mechanism.
 - Enhance file scan mechanism performance while using cloud sync and Media library.
 - Enhance import pool mechanism when there are two the same name were imported at the same time.
 - Enhance CPU performance for some circumstances.
 - Enhance php responding speed.
 - Enhance Rsync check mechanism
 - Enhance USB external device compatibility

- Enhance stability while using VPN and CIFS at the same time.
- Enhance WindowACL check and set mechanism
- Enhance NVMe U.2 SSD performance
- Update Intel LAN chip driver
- Edit Online help for Firmware 3.1
- Change deduplication limitation.
- Change file permission to 777 while uploading files via File manager
- Adjust FAN rpm for better temperature and acoustic ratio.
- Allow * while setting NFS host.

- **Bug Fixes**

- Fix a potential issue on power recovery.
- Fix a potential issue on SAS disk
- Fix an issue when SAS HDD in 4K sector.
- Fix an iSCSI multiple session.
- Fix KVM snapshot error issue
- Fix S.M.A.R.T. test result not exist issue
- Fix Quick install admin password issue
- Fix Date and time issue when switching time zone
- Fix status light issue after the pool capacity is used over 95%
- Fix Filemanager recycle bin path issue
- Fix Seagate SSD temperature issue
- Fix an issue when pool was deleted system can't redirect to Quick install
- Fix a stability issue for Windows File explorer.
- Fix a display issue when NFS is not connected.
- Fix a 10GbE network issue after reboot.
- Fix an issue when changing the HTTPS port number.
- Fix a display issue while using table let to view Web GUI
- Fix a AD syncing issue
- Fix language key wrong wording in Multilanguage.
- Fix an issue for AFP mounting shared folder

- Fix a virtual host issue on web server.

- **Limitations**

- UserHome folder will not support WindowACL.
- Rsync permission sync needs client and host join the same AD domain server.
- QSM allows only lower case character account name

- **Companion Software**

	3000	5000	7000	80000
BIOS	MPT 171211	MKT1.71 MKR1.91	MKT1.71 MKR1.91	MKT1.71 MKR1.91
Local Expander FW	N/A	N/A	N/A	N/A
XFinder	1.1.1	1.1.1	1.1.1	1.1.1