



# **QSAN Document - Release Note**

**XN 3000/5000/7000/8000**

**Version 3.1.2**  
**Jan. 2019**

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## Release Information

QSAN is pleased to announce the release of QSAN XN3000/5000/7000/8000 firmware V3.1.2, the latest firmware for the following QSAN NAS products:

- Systems: XN3000/5000/7000/8000
- Firmware: V3.1.2 (Jan. 2019)

## New Features and Enhancements

- Support Alibaba OSS Cloud
- Support Fibre channel 16G in 3U/4U model.
- Increase Remote backup task limit to 32 in 5000/7000/8000 series.
- Security Patch (CVE-2019-1160) to enhance Netatalk security.
- Enhance Snapshot replication performance
- Enhance XMirror stability for transfer big files and performance
- Enhance the resource usage correctness of Monitor app
- Enhance the folder information when joining Windows Active Directory
- Enhance the system name synchronization after roaming disks between different models
- Enhance FTP file upload issue when mounting a remote destination in File Manager
- Enhance taking snapshots checking mechanisms
- Enhance ACL checking mechanisms while using external drives on XCubeNAS
- Enhance OS X Spotlight file search stability.
- Enhance H.D.D. check mechanisms when disks are in hibernation.
- Enhance iSCSI LUN mapping stability
- Enhance VMware – NFS storage stability.
- Enhance system update mechanisms for some potential issues.
- Enhance VM snapshot checking mechanisms for running VMs.
- Enhance SSL certification format checking mechanism.
- Enhance domain account join mechanisms.
- Enhance File manager stability for millions of files in one folder.
- Enhance Domain server hostname change checking mechanism.

## Bug Fixes

- Fix minor display issues on WebUI
- Fix message issues on UI message
- Fix an issue for some situations on Cloud sync to display improper account name
- Fix an issue for S.M.A.R.T. log not showing properly.
- Fix a display issue for Snapshot replication on remote destination.
- Fix an PHP issue to solve a WebUI login issue.
- Fix an issue on Virtual Volume for displaying wrong partition file format.
- Fix a display issue on Xmirror for the last task status.
- Fix an issue on KVM for not able to reboot VM
- Fix an issue on Remote backup for not execute tasks properly in some situations.
- Fix an issue after decrypted a pool from other device and not import to new system automatically.
- Fix a compatibility issue on Microsoft Internet Explorer.

## Limitations

## 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