

Supported Synology NAS Models

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Supported Synology CPU Model/Series
Intel
Intel Xeon E3 series
Intel Xeon E5 series
Intel Xeon D series
Intel Core i3 series
Intel Celeron N series
Intel Pentium N series
Intel Atom C series
Intel Atom D series
ARM
Marvell Armada 370 series
Marvell Armada 375 series
Marvell Armada 37XX series
Marvell Armada 38X series
Marvell XP series
Realtek RTD1296 series
Annapurna Labs Alpine AL series
STMicroelectronics STiH series
Mindspeed Concerto C series

Supported Synology NAS Models

System Model:	CPU: ^[1]	JDK:	Supported Version:
x19 Series:			
DiskStation DS119j	Marvell Armada 3700 88F3720	Oracle JDK 8	8.1.0.0 or above
RackStation RS1219+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
x18 Series:			
FlashStation FS1018	Intel Pentium D1508	OpenJDK	8.1.0.0 or above
DiskStation DS118	Realtek RTD1296	Oracle JDK 8	8.1.0.0 or above
DiskStation DS218	Realtek RTD1296	Oracle JDK 8	8.1.0.0 or above
DiskStation DS218j	Marvell Armada 385 88F6820	Oracle JDK 7	8.1.0.0 or above
DiskStation DS218play	Realtek RTD1296	Oracle JDK 8	8.1.0.0 or above
DiskStation DS218+	Intel Celeron J3355	OpenJDK	8.1.0.0 or above
DiskStation DS418	Realtek RTD1296	Oracle JDK 8	8.1.0.0 or above
DiskStation DS418j	Realtek RTD1293	Oracle JDK 8	8.1.0.0 or above
DiskStation DS418play	Intel Celeron J3355	OpenJDK	8.1.0.0 or above
DiskStation DS718+	Intel Celeron J3455	OpenJDK	8.1.0.0 or above
DiskStation DS918+	Intel Celeron J3455	OpenJDK	8.1.0.0 or above
DiskStation DS1618+	Intel Atom C3538	OpenJDK	8.1.0.0 or above
DiskStation DS3018xs	Intel Pentium D1508	OpenJDK	8.1.0.0 or above
DiskStation RS818+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
DiskStation RS818RP+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
RackStation RS2418+	Intel Atom C3538	OpenJDK	8.1.0.0 or above
RackStation RS2418RP+	Intel Atom C3538	OpenJDK	8.1.0.0 or above
RackStation RS2818RP+	Intel Atom C3538	OpenJDK	8.1.0.0 or above
RackStation RS3618xs	Intel Xeon D-1521	OpenJDK	8.1.0.0 or above
x17 Series:			
FlashStation FS2017	Intel Xeon D1541	OpenJDK	8.1.0.0 or above
FlashStation FS3017	Intel Xeon E5-2620 v3 x 2	OpenJDK	8.1.0.0 or above
DiskStation DS1517	Annapurna Labs Alpine AL314	Oracle JDK 7	8.1.0.0 or above
DiskStation DS1517+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
DiskStation DS1817	Annapurna Labs Alpine AL314	Oracle JDK 7	8.1.0.0 or above
DiskStation DS1817+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
DiskStation DS3617xs	Intel Xeon D1527	OpenJDK	8.1.0.0 or above
RackStation RS217	Marvell Armada 385 88F6820	Oracle JDK 7	8.1.0.0 or above
RackStation RS3617xs	Intel Xeon E3-1230 v2	OpenJDK	8.1.0.0 or above
RackStation RS3617xs+	Intel Xeon D1531	OpenJDK	8.1.0.0 or above
RackStation RS3617RPxs	Intel Xeon D1521	OpenJDK	8.1.0.0 or above

RackStation RS4017xs+	Intel Xeon D1541	OpenJDK	8.1.0.0 or above
RackStation RS18017xs+	Intel Xeon D1531	OpenJDK	8.1.0.0 or above
x16 Series:			
DiskStation DS116	Marvell Armada 385 88F6820	Oracle JDK 7	8.1.0.0 or above
DiskStation DS216	Marvell Armada 385 88F6820	Oracle JDK 7	8.1.0.0 or above
DiskStation DS216j	Marvell Armada 385 88F6820	Oracle JDK 7	8.1.0.0 or above
DiskStation DS216+	Intel Celeron N3050	OpenJDK	8.1.0.0 or above
DiskStation DS216+II	Intel Celeron N3050	OpenJDK	8.1.0.0 or above
DiskStation DS216se	Marvell Armada 370 88F6707	Oracle JDK 7	8.1.0.0 or above
DiskStation DS416	Annapurna Alpine AL212	Oracle JDK 7	8.1.0.0 or above
DiskStation DS416j	Marvell Armada 388 88F6828	Oracle JDK 7	8.1.0.0 or above
DiskStation DS416slim	Marvell Armada 385 88F6820	Oracle JDK 7	8.1.0.0 or above
DiskStation DS416play	Intel Celeron N3060	OpenJDK	8.1.0.0 or above
DiskStation DS716+	Intel Celeron N3150	OpenJDK	8.1.0.0 or above
DiskStation DS716+II	Intel Celeron N3160	OpenJDK	8.1.0.0 or above
DiskStation DS916+	Intel Pentium N3710	OpenJDK	8.1.0.0 or above
RackStation RS2416+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
RackStation RS2416RP+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
RackStation RS18016xs+	Intel Xeon E3-1230 v2	OpenJDK	8.1.0.0 or above
x15 Series:			
DiskStation DS115	Marvell Armada 375	Oracle JDK 7	8.1.0.0 or above
DiskStation DS115j	Marvell Armada 370	Oracle JDK 7	8.1.0.0 or above
DiskStation DS215j	Marvell Armada 375	Oracle JDK 7	8.1.0.0 or above
DiskStation DS215+	Annapurna Alpine AL212	Oracle JDK 7	8.1.0.0 or above
DiskStation DS415+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
DiskStation DS715	Annapurna Alpine AL314	Oracle JDK 7	8.1.0.0 or above
DiskStation DS1515	Annapurna Alpine AL314	Oracle JDK 7	8.1.0.0 or above
DiskStation DS1515+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
DiskStation DS1815+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
DiskStation DS2015xs	Annapurna Alpine AL514	Oracle JDK 7	8.1.0.0 or above
DiskStation DS2415+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
DiskStation DS3615xs	Intel Core i3-4130	OpenJDK	8.1.0.0 or above
RackStation RS815	Marvell Armada XP	Oracle JDK 7	8.1.0.0 or above
RackStation RS815+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
RackStation RS815RP+	Intel Atom C2538	OpenJDK	8.1.0.0 or above
x14 Series:			
DiskStation DS114	Marvell Armada 370	Oracle JDK 7	8.1.0.0 or above
DiskStation DS214se	Marvell Armada 370	Oracle JDK 7	8.1.0.0 or above
DiskStation DS214	Marvell Armada XP	Oracle JDK 7	8.1.0.0 or above

DiskStation DS214+	Marvell Armada XP	Oracle JDK 7	8.1.0.0 or above
DiskStation DS414	Marvell Armada XP	Oracle JDK 7	8.1.0.0 or above
DiskStation DS414j	Mindspeed Comcerto C2000	Oracle JDK 7	8.1.0.0 or above
DiskStation DS414slim	Marvell Armada 370	Oracle JDK 7	8.1.0.0 or above
RackStation RS214	Marvell Armada 370	Oracle JDK 7	8.1.0.0 or above
RackStation RS814	Marvell Armada XP MV78230	Oracle JDK 7	8.1.0.0 or above
RackStation RS814+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
RackStation RS814RP+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
RackStation RS2414+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
RackStation RS2414RP+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
RackStation RS3614xs	Intel Core i3-4130	OpenJDK	8.1.0.0 or above
RackStation RS3614xs+	Intel Xeon E3-1230 v2	OpenJDK	8.1.0.0 or above
RackStation RS3614RPxs	Intel Xeon E3-1230 v2	OpenJDK	8.1.0.0 or above

x13 Series:

DiskStation DS213j	Marvell Armada 370	Oracle JDK 7	8.1.0.0 or above
DiskStation DS713+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
DiskStation DS1513+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
DiskStation DS1813+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
DiskStation DS2413+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
RackStation RS3413xs+	Intel Xeon E3-1230 v2	OpenJDK	8.1.0.0 or above
RackStation RS10613xs+	Intel Xeon E3-1230	OpenJDK	8.1.0.0 or above

x12 Series:

DiskStation DS412+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
DiskStation DS712+	Intel Atom D425	OpenJDK	8.1.0.0 or above
DiskStation DS1512+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
DiskStation DS1812+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
DiskStation DS3612xs	Intel Core i3-2100	OpenJDK	8.1.0.0 or above
RackStation RS812+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
RackStation RS812RP+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
RackStation RS2212+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
RackStation RS2212RP+	Intel Atom D2700	OpenJDK	8.1.0.0 or above
RackStation RS3412xs	Intel Core i3-2100	OpenJDK	8.1.0.0 or above
RackStation RS3412RPxs	Intel Core i3-2100	OpenJDK	8.1.0.0 or above

x11 Series:

DiskStation DS411+	Intel Atom D510	OpenJDK	8.1.0.0 or above
DiskStation DS411+II	Intel Atom D525	OpenJDK	8.1.0.0 or above
DiskStation DS1511+	Intel Atom D525	OpenJDK	8.1.0.0 or above
DiskStation DS2411+	Intel Atom D525	OpenJDK	8.1.0.0 or above
DiskStation DS3611xs	Intel Core i3-2100	OpenJDK	8.1.0.0 or above

RackStation RS2211+	Intel Atom D525	OpenJDK	8.1.0.0 or above
RackStation RS2211RP+	Intel Atom D525	OpenJDK	8.1.0.0 or above
RackStation RS3411xs	Intel Core i3-2100	OpenJDK	8.1.0.0 or above
RackStation RS3411RPxs	Intel Core i3-2100	OpenJDK	8.1.0.0 or above

x10 Series:

DiskStation DS710+	Intel Atom D410	OpenJDK	8.1.0.0 or above
DiskStation DS1010+	Intel Atom D510	OpenJDK	8.1.0.0 or above
RackStation RS810+	Intel Atom D510	OpenJDK	8.1.0.0 or above
RackStation RS810RP+	Intel Atom D510	OpenJDK	8.1.0.0 or above

[1] AhsayOBM supports Synology NAS models using Intel, Marvell Armada, Realtek, or Annapurna Labs CPU.

Supported DiskStation Manager (DSM) Version

DSM Version:

5.2 or above [2]

6.0 [3]

6.1 [3]

6.2 [3]

7.0 [4]

[2] For Synology NAS with non-Intel CPU processor, Oracle JDK must be installed through the Java Manager before installing AhsayOBM. [Click Here](#) for more details.

[3] For Synology NAS with non-Intel CPU processor, Oracle JDK must be installed through the Package Center before installing AhsayOBM. [Click Here](#) for more details.

[4] Minimum requirement of AhsayCBS v8.5.4.86 [Click Here](#) for more details.

Hardware Requirement

CPU: [4, 5, 6]

64bit Dual Core architecture or above

[4] For Synology NAS with non-Intel CPU processor, Oracle JDK 7 must be installed before installing AhsayOBM. [Click Here](#) for more details.

[5] For Synology NAS with Realtek CPU processor, Oracle JDK 8 must be installed before installing AhsayOBM. [Click Here](#) for more details.

[6] Due to the processing power required for compression, encryption, and delta generation. It is recommended the Synology NAS should be installed with dual core processors with sufficient memory. Intel processor is recommended over ARM.

Memory: [7, 8]

Minimum: 512 MB

Recommended: 1 GB or more

[7] For Synology NAS models DS214se, DS115j, DS216se and DS119j, their memory constraint (256 MB) may cause instability to AhsayOBM.

[8] The default Java heap size of AhsayOBM installation on Synology NAS is 256 MB. 1 GB RAM or more is recommended for better performance.

Installation Space:

Minimum: 500 MB

Network Protocol:

TCP/IP