

FAQ: Hardware Compatibility List (HRL) for OBM on Synology NAS (5058)

Article ID: 5058

Product Version:

OBM: 7.5.0.0 or above

Description:

This document contains the list of Synology hardware compatible with OBM.

Supported Synology NAS Models:

Supported Synology NAS Models		
<u>System Model:</u>	<u>CPU:</u>	<u>Supported Version:</u>
x17 Series:		
RackStation RS3617xs+	Intel Xeon D-1531	7.5.0.0 or above
RackStation RS3617RPxs	Intel Xeon D-1521	7.5.0.0 or above
x16 Series:		
DiskStation DS216	Marvell Armada 385 88F6820	7.7.0.0 or above
DiskStation DS216j	Marvell Armada 385 88F6820	7.7.0.0 or above
DiskStation DS216+	Intel Celeron N3050	7.7.0.0 or above
DiskStation DS216se	Marvell Armada 370	7.5.0.0 or above
DiskStation DS416	Annapurna Alpine AL212	7.5.0.0 or above
DiskStation DS416j	Marvell Armada 388 88F6828	7.7.0.0 or above
DiskStation DS416slim	Marvell Armada 385 88F6820	7.7.0.0 or above
DiskStation DS716+	Intel Celeron N3150	7.7.0.0 or above
DiskStation DS916+	Intel Pentium N3710	7.7.0.0 or above
RackStation RS2416+	Intel Atom C2538	7.5.0.0 or above
RackStation RS2416RP+	Intel Atom C2538	7.5.0.0 or above
RackStation RS18016xs+	Intel Xeon E3-1230 v2	7.5.0.0 or above
x15 Series:		
DiskStation DS115	Marvell Armada 375	7.5.0.0 or above
DiskStation DS115j	Marvell Armada 370	7.5.0.0 or above
DiskStation DS215j	Marvell Armada 375	7.5.0.0 or above
DiskStation DS215+	Annapurna Alpine AL212	7.5.0.0 or above
DiskStation DS415+	Intel Atom C2538	7.5.0.0 or above
DiskStation DS715	Annapurna Alpine AL314	7.5.0.0 or above
DiskStation DS1515	Annapurna Alpine AL314	7.5.0.0 or above
DiskStation DS1515+	Intel Atom C2538	7.5.0.0 or above
DiskStation DS1815+	Intel Atom C2538	7.5.0.0 or above

DiskStation DS2015xs	Annapurna Alpine AL514	7.5.0.0 or above
DiskStation DS2415+	Intel Atom C2538	7.5.0.0 or above
DiskStation DS3615xs	Intel Core i3-4130	7.5.0.0 or above
RackStation RS815	Marvell Armada XP	7.5.0.0 or above
RackStation RS815+	Intel Atom C2538	7.5.0.0 or above
RackStation RS815RP+	Intel Atom C2538	7.5.0.0 or above
x14 Series:		
DiskStation DS114	Marvell Armada 370	7.5.0.0 or above
DiskStation DS214se	Marvell Armada 370	7.5.0.0 or above
DiskStation DS214	Marvell Armada XP	7.5.0.0 or above
DiskStation DS214+	Marvell Armada XP	7.5.0.0 or above
DiskStation DS414	Marvell Armada XP	7.5.0.0 or above
DiskStation DS414j	Mindspeed Comcerto C2000	7.7.0.0 or above
DiskStation DS414slim	Marvell Armada 370	7.5.0.0 or above
RackStation RS214	Marvell Armada 370	7.5.0.0 or above
RackStation RS814	Intel Atom D2700	7.5.0.0 or above
RackStation RS814+	Intel Atom D2700	7.5.0.0 or above
RackStation RS814RP+	Intel Atom D2700	7.5.0.0 or above
RackStation RS2414+	Intel Atom D2700	7.5.0.0 or above
RackStation RS2414RP+	Intel Atom D2700	7.5.0.0 or above
RackStation RS3614xs	Intel Core i3-4130	7.5.0.0 or above
RackStation RS3614xs+	Intel Xeon E3-1230 v2	7.5.0.0 or above
RackStation RS3614RPxs	Intel Xeon E3-1230 v2	7.5.0.0 or above
x13 Series:		
DiskStation DS213j	Marvell Armada 370	7.5.0.0 or above
DiskStation DS1513+	Intel Atom D2700	7.5.0.0 or above
DiskStation DS1813+	Intel Atom D2700	7.5.0.0 or above
DiskStation DS713+	Intel Atom D2700	7.5.0.0 or above
DiskStation DS2413+	Intel Atom D2700	7.5.0.0 or above
RackStation RS3413xs+	Intel Xeon E3-1230 v2	7.5.0.0 or above
RackStation RS10613xs+	Intel Xeon E3-1230	7.5.0.0 or above
x12 Series:		
DiskStation DS412+	Intel Atom D2700	7.5.0.0 or above
DiskStation DS712+	Intel Atom D425	7.7.0.0 or above
DiskStation DS1512+	Intel Atom D2700	7.5.0.0 or above
DiskStation DS1812+	Intel Atom D2700	7.5.0.0 or above
DiskStation DS3612xs	Intel Core i3-2100	7.5.0.0 or above
RackStation RS812+	Intel Atom D2700	7.5.0.0 or above
RackStation RS812RP+	Intel Atom D2700	7.5.0.0 or above
RackStation RS2212+	Intel Atom D2700	7.5.0.0 or above
RackStation RS2212RP+	Intel Atom D2700	7.5.0.0 or above

RackStation RS3412xs	Intel Core i3-2100	7.5.0.0 or above
RackStation RS3412RPxs	Intel Core i3-2100	7.5.0.0 or above
x11 Series:		
DiskStation DS411+	Intel Atom D510	7.7.0.0 or above
DiskStation DS411+II	Intel Atom D525	7.7.0.0 or above
DiskStation DS1511+	Intel Atom D525	7.7.0.0 or above
DiskStation DS2411+	Intel Atom D525	7.7.0.0 or above
DiskStation DS3611xs	Intel Core i3-2100	7.5.0.0 or above
RackStation RS2211+	Intel Atom D525	7.7.0.0 or above
RackStation RS2211RP+	Intel Atom D525	7.7.0.0 or above
RackStation RS3411xs	Intel Core i3-2100	7.5.0.0 or above
RackStation RS3411RPxs	Intel Core i3-2100	7.5.0.0 or above
x10 Series:		
DiskStation DS710+	Intel Atom D410	7.7.0.0 or above
DiskStation DS1010+	Intel Atom D510	7.7.0.0 or above
RackStation RS810+	Intel Atom D510	7.7.0.0 or above
RackStation RS810RP+	Intel Atom D510	7.7.0.0 or above

Supported DiskStation Manager (DSM) Version:

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DSM Version:
5.2 or above ^[6]
6.0 ^[7]
6.1 ^[8]
^[6] Supported by OBM version 7.5.0.0 or above. Java 7 must be manually installed before installing OBM – Contact support for details ^[7] Supported by OBM version 7.7.0.0 or above. Java 7 must be upgraded to Oracle JDK before installing OBM - Contact support for details ^[8] Supported by OBM version 7.13.0.0 or above. Java 7 must be upgraded to Oracle JDK before installing OBM - Contact support for details

Hardware Requirement:

Hardware Requirement
CPU: ^[9, 10]
64bit Dual Core architecture or above

^[9] For Synology NAS with non-Intel processor, Java 7 must be manually installed before installing OBM – Contact support for details

^[10] 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: ^[11, 12]

Minimum: 512 MB
Recommended: 1 GB or more

^[11] The default Java heap size of OBM installation on Synology NAS is 256 MB. 1 GB RAM or more is recommended for better performance.

^[12] For Synology NAS models DS214se, DS115j and DS216se, their memory constraint (256 MB) may cause instability to OBM.

Installation Space:

Minimum: 500 MB

Network Protocol:

TCP/IP