

# Installing XigmaNAS on disk

WARNING: XigmaNAS is a standalone Operation System (OS) and NAS appliance.

Installing XigmaNAS wipes any existing content on the destination disk. Existing files will be deleted as part of the installation process.



The install process of XigmaNAS doesn't support Dual-boot.

Don't install XigmaNAS on disk bigger than 2TB (XigmaNAS support these disks as "data" disk only, not as system boot disk).

*This description assumes the XigmaNAS PC hardware is capable of booting from a CD-Rom and has a boot Drive (this can be a USB flash drive, CF card, or HDD) and should have one or more Hard Drives for storage. \* Download the XigmaNAS ISO and burn the image onto a CD-Rom.*

- Place the XigmaNAS CD in the CD-Rom and boot from CD (Don't connect your flash device at this moment, connect it until you see the console menu below, otherwise LiveCD will write its default configuration file to the root of your flash device lead to the following installation fail).
- Wait until the XigmaNAS Console Setup Menu comes up
- If you want to install XigmaNAS to flash devices, connect it now, XigmaNAS will display new device information on the screen, press Enter to back to console menu

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Java iKVM Viewer v1.69.37 [192.168.1.231] Supermicro - Resolution 800 X 600 - FPS 30
Virtual Media Record Macro Options User List Capture Power Control Exit
Preparing web-based file-management.
Starting background file system checks in 60 seconds.

Tue Sep 18 21:47:10 UTC 2018

FreeBSD/amd64 (xigmanas.local) (ttyv0)

Welcome to XigmaNAS!
XigmaNAS: 11.2.0.4 (revision 6005)
Compiled: Thu Sep 13 18:31:02 CEST 2018 Platform: x64-livecd
Copyright (c) 2018 XigmaNAS. All Rights Reserved.
Visit: https://www.xigmanas.com for system updates!

WebGUI Address: http://192.168.1.258

LAN Network IPv4 Address: 192.168.1.258
LAN Network Interface: igb0

The installation requires a storage medium from which the computer can
be started. This can be a USB memory stick, a SSD or a hard disk.
Attention, all data on the installation device will be deleted!
Press the ENTER key to display the Console Menu again.

Console Menu
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1) Configure Network Interfaces      10) Configure Hosts Allow for WebGUI
2) Configure Network IP Address     11) Restart WebGUI
3) Reset WebGUI Password            12) Restart WebGUI, force HTTP on port 80
4) Reset to Factory Defaults        20) Console Keyboard Map
5) Ping Host
6) Shell
7) Reboot Server
8) Shutdown Server
9) Install/Upgrade from LiveCD/LiveUSB

Enter a number:
█
```

- select option 9 to install XigmaNAS on your hard disk/flash devices
- You can choose to have a single HDD installation (option 2 or 3 below), that is - have a XigmaNAS boot partition and a second one on the same HDD as Storage(DATA).

### If you select 1:

-----XigmaNAS Embedded Install Options Menu-----

- 1) Install 'Embedded' OS/GPT on HDD/SSD/CF/USB (Preferred)
- 2) Install 'Embedded' OS/EFI on HDD/SSD/CF/USB (Preferred)
- 3) Install 'Embedded' OS/MBR on HDD/SSD/CF/USB (Legacy)
- 4) Install 'Embedded' OS/GPT without SWAP/DATA (For Expert)
- 5) Install 'Embedded' OS/MBR without SWAP/DATA (For Expert)

< OK >                      < Exit >

XigmaNAS 'Embedded' installer for HDD, SSD, CF or USB flash drive.

- Create GPT partition 1, for bootcode
- Create GPT partition 2, using UFS, 1024MB size for OS image.





- /dev/ad1: Is the Second ATA hard drive on the ATA channel 1
- /dev/ad2: Is the First ATA hard drive on the ATA channel 2
- /dev/acd0: Is the first ATA CD/DVD drive detected
- /dev/da0: Is the first SCSI hard drive. USB key device under FreeBSD is using an SCSI driver, then this name can link to your USB key/drive too.
- /dev/da0p1: The '**p**' represents an EFI/GPT partition type, and '**1**' represents the first partition on the device. This is the new standard starting from version 9.0.0.1
- /dev/da0s1: The '**s**' represents the old standard partition type. For any filesystem other than UFS you should look for an 's' type partition.
- /dev/raid5/RAIDname: 'RAID' is only the array device.
- /dev/raid5/RAIDp1: This is the filesystem on the RAID device.

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