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Knowledgebase:

Install JDownloader on NAS and embedded devices

Posted by Jiaz, Last modified by Jiaz on 02 December 2021 10:55 AM



Because [JDownloader](#) is written in cross-plattform Java it can also run on many different NAS products and embedded devices.

In order to run JDownloader on your device the following requirements must be met:

- at least Java 1.6
 - supported Java Versions: 1.6, 1.7, 1.8, Java9, Java10, Java11, Java12, Java13, Java14, Java15, Java16, Java17....
 - following JVMs are known to work/are supported: [OpenJDK](#), [Adoptium](#), [AdoptOpenJDK](#), [Oracle](#), [IBM](#), [Zulu](#), [Zing](#), [Corretto](#)
 - recommended Java Version: 1.8
- minimum of 128 MB RAM (less is possible but not recommended)
 - recommended: 256 MB for headless, 512 MB with GUI
- about 100 MB disk space

Short overview of known supported devices (highly depends on hardware specification like CPU/RAM/OS):

- Asustor NAS
- QNAP NAS
- [Synology NAS](#)
- Western Digital NAS
- Zyxel NAS
- [TerraMaster NAS \(F4-210\)](#)
- ...please let us know about more supported NAS vendors
- Raspberry PI
- Odroid
- Banana Pi
- Cubieboard
- Beagleboard
- Hummingboard
- PandaBoard
- CuBox
- ...please let us know about more supported boards

How to install JDownloader on headless (no graphical userinterface) devices and control it via [MyJDownloader](#) webinterface:

1. Create a folder where you want to install JDownloader to
 - example: "mkdir /path/JDownloader" replace path with installation parent folder)
2. [Download JDownloader.jar \(3.807.192bytes|SHA256:8ff0bdf0113012136fb43367e594842b9d1337171af3c3f2a6f25ea2cbc561f6\)](#) or copy existing JDownloader.jar (and place it into that folder)
 - example: `cd /path/JDownloader`
 - example: `wget http://installer.jdownloader.org/JDownloader.jar`
3. Start JDownloader installation
 1. `java -jar JDownloader.jar -norestart`
 2. Repeat step 3.1 until JDownloader asks you to enter your [MyJDownloader](#) logins on console
 3. You can now remote control your JDownloader instance via MyJDownloader
4. Start JDownloader with `java -jar JDownloader.jar` & (without the -norestart parameter!)
5. Checkout the other articles in this headless category - especially these [useful headless hints](#).
6. Much fun with JDownloader and MyJDownloader :)

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