

Setting up AI on a NAS server



Overview

In this guide, we'll walk through the complete setup on both Synology DSM 7. x, covering Docker installation, container configuration, port forwarding, persistent storage, and the critical networking optimizations that keep your agent fast and responsive globally. Why Run DeepSeek AI on a NAS?

Hosting AI locally on a NAS (Network Attached Storage) has several advantages: Data Security - Keep all your queries and interactions private. Offline Access - No need for an. About This Guide: This tutorial shows you how to install OpenClaw on a Synology or QNAP NAS device using Docker, so your personal AI agent runs 24/7 without needing a PC or Mac to stay on. Estimated setup time: 30-45. To simplify it, Large Language Model is a type of AI (artificial intelligence) that is trained on a lot of text data, and is designed to generate human-like responses back to the user. The most significant would be ChatGPT from OpenAI. But, interacting with those models requires the information to. Running a local AI server at home takes about an hour to set up and costs between \$0 (if you already have a NAS) and \$1,200 for a dedicated mini-PC. This guide covers the full path from hardware choice to a working chat interface running on your network. Then I moved to mostly cloud storage because it was the easiest way to sync across the family's devices that run multiple operating. As AI systems move toward always-on operation, NAS platforms are becoming the foundation for local AI deployment.

Article Content

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Pick a device to use like an old computer, NAS drive, or something more specific you've bought or built yourself. Install your choice of server like

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This method is most applicable when replacing a self-hosted UniFi Network Server or CloudKey with another local instance. Ensure that your new Network

Link Aggregation on my NAS wasn't what I expected —

Now that I am sharing my NAS with my entire family for backing up media and local media streaming, it needs link aggregation more than ever. And

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And because you're only backing up a few folders, it'll take less time than using Windows Backup. The drawback—and it's a big one—is that it doesn't

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