

Nagios XI - Hardware Requirements

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Overview

This document is intended to provide general guidelines on the hardware requirements needed to run Nagios XI. As each IT infrastructure differs, the hardware requirements for monitoring can vary. For example, the guidelines below assume that you are running active checks. If you are utilizing a large number of passive checks, the requirements are less than the guidelines below.

Requirements

The table below provides hardware recommendations based on a node (host) to service ratio of 1:5.

Monitored Nodes / Hosts	Monitored Services	Hard Drive Space	CPU Cores	RAM
50	250	40 GB	1 - 2	1 - 4 GB
100	500	80 GB	2 - 4	4 - 8 GB
> 500	> 2500	120 GB	> 4	> 8 GB

Performance Enhancements

There are a number of modifications that you can make to Nagios XI in order to increase performance, and therefore increase the number of nodes and services you can monitor with less hardware. These include:

- Offloading the MySQL database to a remote server
- Using a ramdisk
- Enabling rrdcache

Final Thoughts

For any support related questions please visit the [Nagios Support Forums](#) at:

<http://support.nagios.com/forum/>

Posted by: **Imiltchev** - Sun, Dec 21, 2014 at 12:06 PM. This article has been viewed 8101 times.

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