

# System Requirements: N-central<sup>®</sup> On-Premise Software & N-compass<sup>™</sup> Business Performance Reporting Software

N-central<sup>®</sup> network and systems management software sets the standard for delivering IT services remotely to small and medium-sized businesses — and it's now faster, more powerful and flexible with the release of version 6.7!

This document outlines the server requirements for N-central and its optional business performance reporting tool, N-compass<sup>™</sup>. N-able Technologies<sup>®</sup> provides two tiers of hardware support for N-central – certified systems and compatible systems. The certified systems have been tested by N-able Technologies to ensure software compatibility as well as software performance. The compatible systems are supported for software installation and operation but have not been tested for performance and scalability.

## N-central On-Premise Software Certified Hardware

<b>HP DL-360 G6</b>	
DL360 G6 Server with Intel Xeon 55xx or better processor	
HP DL360G6 SLIMLINE 12.7MM SATA DVD OPTICAL DRIVE (532066-B21)	
HP RAID Controller Battery 650 MAH P-SERIES (462969-B21)	
DL360G6 PCIX RISER KIT (518824-B21)	
<b>Dell R710</b>	
Dell PowerEdge R710 with Xeon 55xx Series Processor or better	
PERC 6/i SAS Raid Controller	
CD-ROM or DVD Drive	
<b>Intel Server System SR2500ALLXR</b>	
SR2500 Chassis with S5000PALR and Active Backplane (SR2500ALLXR)	
512MB 667MHz Reg ECC DDR2 RAID Cache (AXXMINIDIMM512)	
Intel RAID Controller Activation Key (AXXRAK18E)	
Intel RAID Controller Battery Backup Unit (AXXRSBBU3)	
Intel DVD/CDRW (AXXDVDCDR)	
<b>IBM x3550</b>	
IBM x3550, configured with 1 Xeon 51xx or better processor and 3.5" disks (7978-xxx)	
IBM ServeRAID-8k SAS Controller (25R8064)	
PCI-X Riser Card (32R2816)	
Redundant Power Supply Kit (optional) (32R2815)	
<b>Up to 2,500 Managed Devices*</b>	<b>Up to 5,000 Managed Devices*</b>
1 x Xeon Processor	2 x Xeon Processor
6 GB RAM	8 GB RAM
2 x 146 GB SAS Hard Disk Drives**	300+ GB Hard Disk Drive***

**Note:** US Robotics Performance Pro modem (USR5610C) is required in any system where you plan to use SMS or Pager Notifications.

## System Requirements: N-central On-Premise Software & N-compass Business Performance Reporting Software

### N-central Compatible Hardware

#### Base Configuration

**Processor:** Intel Xeon 53xx/55xx or better

**Network Card:** 100Mb/s or better

**Modem:** US RoboticsUSR5610C or a serial modem is required to use paging or SMS notification features

**OS:** System must be certified to run RedHat Enterprise Linux 5 (x86) by RedHat or the hardware vendor

Up to 2,500 Managed Devices*	Up to 5,000 Managed Devices*
1 x Xeon Processor	2 x Xeon Processor
6 GB RAM	8 GB RAM
2 x 146 GB SAS Hard Disk Drives**	300+ GB Hard Disk Drive***

#### More than 5,000 Managed Devices

Contact N-able Technologies for support information.

\* These configurations are recommendations based on average field experience. Actual scalability will vary depending on hardware performance, system configuration and environmental variances.

\*\* N-able recommends that two hard drives be placed in a RAID 1 to improve redundancy.

\*\*\* N-able recommends that two or more hard drives be placed in a RAID to improve redundancy. RAID 1+0 is preferred, but RAID 5 is supported.

**Note:** If RAID configurations are used, please refer to the N-central Installation and Configuration Manual for recommended settings.

## N-able Technologies Support for VMware Environments

N-able Technologies has added VMware ESX Server 3.x to its list of N-central [Certified Server Hardware](#). As such, N-able commits to providing support to customers running in these VMware environments in the same manner that we support other N-central certified hardware.

### Important Notes

Because VMware by its nature provides an abstraction layer between the hardware and the operating system that permits the operation of multiple logical systems on one physical server unit, there are two important considerations that you must be aware of when using this deployment method.

**System Performance.** N-able maintains guidelines for configuring the VMware instance that N-central should run in (see Recommended Configuration below). These are designed to maximize performance and reliability as much as possible. It is impossible to guarantee the scalability or performance of any particular instance of N-central deployed in a virtual machine, due to these factors:

- Variability in field environments resulting from VMware server configurations
- The number of parallel virtual machines
- The performance of the underlying system

**Supportability.** N-able Technologies supports the N-central software deployed in VMware in the same way that we support N-central deployed in other environments. This support is limited to the components (software and operating system) shipped with N-central and does not include troubleshooting of VMware systems or performance issues related to environmental factors; these areas will be supported on a best-effort basis. In certain circumstances, particularly in the event of serious issues with performance, we might ask that you move the system to a known physical hardware deployment to aid in troubleshooting and resolution.

### Recommended Configuration

VMware Server

- VMware ESX Server Version 3.5
- The system must have sufficient RAM and hard drive space to provide permanently allocated resources as outlined below.
- Current N-central recommended hardware configurations specify 1 Quad Core Xeon Processor (51xx or better). We recommend that the VMware server be able to provide this level of processor performance to the N-central Guest Virtual Machine.

### N-central Guest Configuration

- **Guest Type:** Typical
- **Guest Operating System:** Linux
- **Version:** RedHat Enterprise Linux 5 (32 bit)
- **Number of Virtual Processors:** 2 minimum
- **Memory:** 6,144MB (6 GB) minimum
- **Network:** 1 network interface card required
- **Virtual Disk Capacity:** 140 GB minimum

## **N-compass™ Business Performance Reporting Software System Requirements**

### **Hardware**

**Processor:** Minimum Pentium 4 (3 GHz) or equivalent

**Memory:** Minimum 2 GB (4+ GB recommended)

**Hard Drive Space:** N-compass™ 3.0 requires a minimum of 100 GB for a dedicated data partition. This will allow N-compass to:

- Import data from an N-central server that monitors up to 5,000 services
- Retain data for up to 1.5 years

### **Important Notes:**

- N-compass can run in physical or virtual environments
- Scalability will vary depending on hardware performance, system configuration and environmental variances

### **Software**

#### **Operating System (one of the following required)**

- Microsoft Windows Server 2003 Standard Edition with Service Pack 2
- Microsoft Windows Server 2003 Enterprise Edition with Service Pack 2
- Microsoft Windows Server 2008 Standard Edition
- Microsoft Windows Server 2008 Enterprise Edition

#### **Database System Supported (one of the following required)**

- Microsoft SQL Server 2005 Standard Edition with Service Pack 2
- Microsoft SQL Server 2005 Enterprise Edition with Service Pack 2

### **Important Note**

- 32-bit and 64-bit platforms are supported



[www.n-able.com](http://www.n-able.com)

[info@n-able.com](mailto:info@n-able.com)

1-877-655-4689

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