



# KACE® Systems Management Appliance

## Technical Specifications for Virtual Appliances

**May 2024**

This document lists the technical specifications of the virtual KACE Systems Management Appliance (SMA) and Asset Management Appliance (AMA).

For additional KACE SMA product documentation, go to <https://support.quest.com/kace-systems-management-appliance/technical-documents>.

Topics:

- [Host system requirements](#)
- [Operating system requirements for Agent-managed devices](#)
- [Operating system requirements for Agentless management](#)
- [Browser requirements for the web-based user interface](#)

# Host system requirements

Virtual KACE SMA and AMA software can be installed on host systems that meet the following requirements.

Table 1. Host system requirements

Requirement	Details		
<b>KACE SMA: Processor and Memory</b>	<b>Devices</b>	<b>Processor</b>	<b>Memory</b>
	0 - 2000	2 CPUs	8 GB RAM
	2000 - 4000	4 CPUs	12 GB RAM
	4000 - 8000	8 CPUs	20 GB RAM
	8000 - 16000	16 CPUs	36 GB RAM
	16000 - 32000	32 CPUs	68 GB RAM
	32000 - 50000	64 CPUs	132 GB RAM
	<b>i</b> <b>NOTE:</b> These are just minimum resource requirements for a simple configuration. Any changes that typically increase the use of system resources, such as complex Smart Labels, non-default check-in schedules, changes to history logging, and so on, require additional resources.		
<b>KACE SMA: Network Interface</b>	<b>Devices</b>	<b>Network Interface Card</b>	
	0 - 8000	1 GB Ethernet Port	
	8000 +	10 GB Ethernet Port	
<b>KACE AMA: Processor and Memory</b>	<b>Devices</b>	<b>Processor</b>	<b>Memory</b>
	0 - 2500	2 CPUs	8 GB RAM
	2500 - 5000	4 CPUs	12 GB RAM
	5000 - 10000	8 CPUs	20 GB RAM
	10000 - 25000	16 CPUs	36 GB RAM
	25000 - 50000	24 CPUs	68 GB RAM
<b>KACE AMA: Network Interface</b>	<b>Devices</b>	<b>Network Interface Card</b>	
	0 - 10000	1 GB Ethernet Port	
	10000 +	10 GB Ethernet Port	
	<b>i</b> <b>NOTE:</b> These are just minimum resource requirements for a simple configuration. Any changes that typically increase the use of system resources, such as complex Smart Labels, non-default check-in schedules, changes to history logging, and so on, require additional resources.		

Available Disk Space	Small Installations	Large Installations
	1 TB	3 TB
<b>Media</b>	DVD	
<b>Server and Operating System</b>	64-bit	
<b>Virtualization Infrastructure Requirements</b>	<p><b>For VMware installations:</b></p> <p>VMware ESX/ESXi 7.0 or later</p> <p>Open Virtualization Format (OVF) 1.0</p> <p><b>i</b> <b>NOTE:</b> To better understand the requirements for Amazon Web Services in cloud-based solutions, visit <a href="https://support.quest.com/kb/261998">https://support.quest.com/kb/261998</a>.</p> <p><b>For Microsoft Hyper-V installations:</b></p> <p>Windows Server 2019 with Hyper-V</p> <p><b>For Nutanix installations:</b></p> <p>Nutanix AOS 5.20.1.1 (LTS) or later</p>	

# Operating system requirements for Agent-managed devices

The KACE Agent is an application that can be installed on devices to enable device management through the virtual appliance. The Agent can be installed on devices that meet the following operating system requirements. For additional specifications, see the operating system vendor's documentation. The appliance imposes no additional requirements and 64-bit architectures where applicable.

Table 2. Operating system requirements

Operating system	Details
<b>Windows®</b>	
Windows 11 IoT	Enterprise 21H2, 22H2
Windows 11	Professional, Enterprise 21H2, 22H2
Windows 10 IoT	Enterprise 1809
Windows 10	Professional, Enterprise 1607, 1703, 1709, 1803, 1809, 1903, 1909, 2004, 20H2, 21H1, 21H2, 22H2
Windows 8, 8.1	Professional, Enterprise
Windows Server 2022	Standard, Datacenter
Windows Server 2019, 2016	Essentials, Standard, Datacenter
Windows Server 2012, 2012 R2	Foundation, Essentials, Standard, Datacenter
<b>Mac®</b>	
macOS®	11.0, 12.0, 13.0, 14.0
<b>Linux®</b>	
Linux Red Hat® Linux AS and ES	7.4 - 9 64-bit architecture only
Ubuntu® LTS	18.04, 20.04, 22.04 64-bit architecture only
SUSE® Linux Enterprise Server	12, 15

Raspbian Linux (on Raspberry Pi devices)	8, 9, 10 Raspbian Pi 4 hardware supported with Debian 10 (Buster) 11 Raspbian Pi 4 hardware supported with Debian 11 (Bullseye)
CentOS™	7.4 - 8 64-bit architecture only

---



**NOTE:** The appliance includes installers for the above Linux operating systems, as well as generic versions. Only the listed Linux versions are supported. Any attempts to install and run the generic version of the KACE Agent on an unsupported Linux OS can lead to unpredictable results. You can only do so at your own risk.

# Operating system requirements for Agentless management

Agentless management enables you to inventory devices without using the KACE SMA Agent. Agentless management can be enabled for devices that have the following operating systems:

- CentOS™
- Chrome™ OS
- Debian®
- Fedora®
- FreeBSD®
- Mac OS X
- Oracle® Enterprise Linux
- Raspbian Linux (on Raspberry Pi devices)
- Red Hat
- SUSE
- Solaris®
- Ubuntu
- Windows
- Windows Server

## Browser requirements for the web-based user interface

To access the KACE SMA Administrator Console and User Console web-based user interfaces, use a monitor with a screen resolution of at least 1280 pixels by 800 pixels and one of the following web browser applications.

Table 3. Browser requirements for the web-based user interface

Browser	Details
Microsoft Edge™	40.x or later
Firefox®	63.x or later
Safari®	10.0 or later
Chrome™	71.0 or later

# About us

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Around the globe, more than 130,000 companies and 95% of the Fortune 500 count on Quest to deliver proactive management and monitoring for the next enterprise initiative, find the next solution for complex Microsoft challenges and stay ahead of the next threat. Quest Software. Where next meets now. For more information, visit [www.quest.com](http://www.quest.com).

## Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at <https://support.quest.com>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product.

© 2024 Quest Software Inc.

## ALL RIGHTS RESERVED.

This guide contains proprietary information protected by copyright. The software described in this guide is furnished under a software license or nondisclosure agreement. This software may be used or copied only in accordance with the terms of the applicable agreement. No part of this guide may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording for any purpose other than the purchaser's personal use without the written permission of Quest Software Inc.

The information in this document is provided in connection with Quest Software products. No license, express or implied, by estoppel or otherwise, to any intellectual property right is granted by this document or in connection with the sale of Quest Software products. EXCEPT AS SET FORTH IN THE TERMS AND CONDITIONS AS SPECIFIED IN THE LICENSE AGREEMENT FOR THIS PRODUCT, QUEST SOFTWARE ASSUMES NO LIABILITY WHATSOEVER AND DISCLAIMS ANY EXPRESS, IMPLIED OR STATUTORY WARRANTY RELATING TO ITS PRODUCTS INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. IN NO EVENT SHALL QUEST SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, PUNITIVE, SPECIAL OR INCIDENTAL DAMAGES (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION OR LOSS OF INFORMATION) ARISING OUT OF THE USE OR INABILITY TO USE THIS DOCUMENT, EVEN IF QUEST SOFTWARE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Quest Software makes no representations or warranties with respect to the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time without notice. Quest Software does not make any commitment to update the information contained in this document.

If you have any questions regarding your potential use of this material, contact:

Quest Software Inc.

Attn: LEGAL Dept

4 Polaris Way

Aliso Viejo, CA 92656

Refer to our Web site (<https://www.quest.com>) for regional and international office information.


## Patents

Quest Software is proud of our advanced technology. Patents and pending patents may apply to this product. For the most current information about applicable patents for this product, please visit our website at <https://www.quest.com/legal>.

## Trademarks

Quest, the Quest logo, and Join the Innovation are trademarks and registered trademarks of Quest Software Inc. For a complete list of Quest marks, visit <https://www.quest.com/legal/trademark-information.aspx>. All other trademarks and registered trademarks are property of their respective owners.

## Legend

 **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

 **IMPORTANT, NOTE, TIP, MOBILE,** or **VIDEO:** An information icon indicates supporting information.

KACE Systems Management Appliance Technical Specifications for Virtual Appliances

Updated – May 2024

Software Version – 14.0