KACE® Systems Management Appliance

Technical Specifications for Virtual Appliances

November 2025

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		
KACE SMA: Processor and Memory	Devices	Processor	Memory
	0 - 2000	2 CPUs	8 GB RAM
	2000 - 4000	4 CPUs	12 GB RAM

Requirement	Details		
	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
	NOTE: 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.		
KACE SMA: Network Interface	Devices	Network Interface Card	
	0 - 8000	1 GB Ethernet Port	
	8000 +	10 GB Ethernet Port	
KACE AMA: Processor and Memory	Devices	Processor	Memory
	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
KACE AMA: Network Interface	Devices	Network Interface Card	
	0 - 10000	1 GB Ethernet Port	
	10000 +	10 GB Ethernet Port	
	NOTE: 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	
Media	DVD		
Server and Operating System	64-bit		
Virtualization Infrastructure Requirements	For VMware installations: SMA 15.0 runs on FreeBSD 14.3 supported on VMware ESX/ESXi 8.0 or later		

Requirement	Details
	Open Virtualization Format (OVF) 1.0 NOTE: To better understand the requirements for Amazon Web Services in cloud-based solutions, visit https://support.quest.com/kb/261998. For Microsoft Hyper-V installations: Windows Server 2019 with Hyper-V Windows Server® 2022 with Hyper-V For Nutanix installations: Nutanix AOS 5.20.1.1 (LTS) or later

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 supports 32-bit and 64-bit architectures where applicable.

Table 2. Operating system requirements

Operating system	Details
Windows®	
Windows 11 IoT	Enterprise 21H2, 22H2
Windows 11	Professional, Enterprise 21H2, 22H2, 23H2, 24H2
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

Operating system	Details
Windows Server 2019, 2016	Essentials, Standard, Datacenter
Windows Server 2012, 2012 R2	Foundation, Essentials, Standard, Datacenter
Mac®	
macOS®	11.0, 12.0, 13.0, 14.0, 15.0
Linux®	
Linux Red Hat® Linux AS and ES	7.4 - 9 64-bit architecture only
Ubuntu® LTS	18.04, 20.04, 22.04, 24.04 64-bit architecture only
SUSE® Linux Enterprise Server	12, 15
Raspbian Linux (on Raspberry Pi devices)	Raspbian Pi 4 hardware supported with Debian 10 (Buster) Raspbian Pi 4 hardware supported with Debian 11 (Bullseye) Raspbian Pi 4 hardware supported with Debian 12 (Bookworm)
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™	40.0 or later
Firefox®	63.0 or later
Safari®	10.0 or later
Chrome™	71.0 or later

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4 Polaris Way

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Software Version – 15.0