KACE® Systems Management Appliance

Technical Specifications for Virtual Appliances

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KACE® Systems Management Appliance: Technical Specifications for Virtual Appliances

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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

KACE as a service 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
	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
	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
	NOTE: These are minimum specifications in 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 system resources.		
KACE AMA: Network Interface	**Devices**	**Network Interface Card**	
	0 - 10000	1 GB Ethernet Port	
	10000 +	10 GB Ethernet Port	

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	**For VMware® installations:** SMA 15.1 runs on FreeBSD 14.4 supported on VMware ESX®/ESXi™ 8.0 and later. Open Virtualization Format (OVF) 1.0	
Requirements	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 Windows Server® 2025 with Hyper-V **For Nutanix installations:** Nutanix AOS 5.20.1.1 (LTS) or later	

Operating system requirements for Agent-managed devices

The KACE SMA Agent is an application that can be installed on devices to enable device management through the virtual KACE SMA appliance. The KACE SMA 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 23H2, 24H2, 25H2
Windows 11	Professional, Enterprise 23H2, 24H2, 25H2
Windows 10	Enterprise 1607, 1809, 21H2
Windows Server 2016, 2019, 2022, 2025	Standard, Datacenter
Mac®	
macOS®	14, 15, 26
Linux®	
Linux Red Hat® Linux AS and ES	8, 9, 10 64-bit architecture only
Ubuntu® LTS	22.04, 24.04, 26.04 64-bit architecture only
SUSE® Linux Enterprise Server	15, 16
Raspbian Linux (on Raspberry Pi devices)	Raspbian Pi 4 hardware supported with Debian 11 (Bullseye) Raspbian Pi 4 hardware supported with Debian 12 (Bookworm) Raspbian Pi 4 hardware supported with Debian 13 (Trixie)

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™	145 or later
Firefox®	147 or later
Safari®	23 or later
Chrome™	145 or later

About us

Quest Software creates technology and solutions that build the foundation for enterprise AI. Focused on data management and governance, cybersecurity and platform modernization, Quest helps organizations address their most pressing challenges and make the promise of AI a reality. Around the globe, more than 45,000 companies including over 90% of the Fortune 500 count on Quest Software. For more information, visit www.quest.com or follow Quest Software on X (formerly Twitter) and LinkedIn.

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.

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