

The following table summarizes the recommended resources required by Orchestrator when deployed on a standard server.

- These requirements do not include the resources needed by the hypervisor itself, which will require additional dedicated core, memory, and storage to operate.
- You must reserve CPU and memory for your virtual appliances to function optimally.
- For non-VMware hypervisors, an extra core should be set aside for hypervisor tasks.
- It is necessary to ensure that CPU's hardware Virtualization Technology (VT) feature is enabled in the BIOS, and BIOS should be set to maximize performance. Please refer to the CPU vendor's documentation for guidance on enabling VT in the BIOS.

- When using vSphere 4.x, a VMware vSphere Enterprise Plus license is needed for a virtual machine to use 8 or more virtual processors.
- When using Hyper-V, Windows Server 2012 is needed for a virtual machine to use 8 or more virtual processors.
- SSDs are recommended instead of magnetic disks.

Number of Supported Appliances	Processor Cores (>2 GHz)		Memory (Gigabytes)		Storage (Gigabytes)		VMware	Hyper-V	KVM	Xen	Recommended Storage Configuration
	Recommended	Range	Recommended	Range	Recommended	Range					
Up to 10	2	1 – 4	8	8 – 8	500	500 – 1000	✓	✓	✓	✓	1 disk
Up to 25	2	1 – 4	16	8 – 24	500	500 – 1000	✓	✓	✓	✓	1 disk
Up to 50	4	2 – 8	24	16 – 32	500	500 – 1000	✓	✓	✓	✓	3 disk RAID 5 or 4 disk RAID 10
Up to 100	6	4 – 12	32	24 – 48	800	500 – 1000	✓	✓	✓	✓	4 disk RAID 5 or 6 disk RAID 10
Up to 200	8	6 – 16	48	32 – 64	1000	500 – 1200	✓	✓	✓	✓	5 disk RAID 5 or 8 disk RAID 10
Up to 500	16	12 – 24	64	48 – 128	1000	800 – 2000	✓	✓	✓	✓	6 disk RAID 5 or 10 disk RAID 10
More than 500	24	16 – 32	128	80 – 256	1000	800 – 2000	✓	✓	✓	✓	6 disk RAID 5 or 10 disk RAID 10

## Supported Hypervisor Versions

Hypervisor	Hardware Compatibility List
vSphere 4.0 Update 1 & later	
vSphere 5	<a href="http://www.vmware.com/resources/compatibility/search.php">http://www.vmware.com/resources/compatibility/search.php</a>
vSphere 6	
Hyper-V 2008 R2	<a href="http://technet.microsoft.com/en-us/library/cc816844(WS.10).aspx">http://technet.microsoft.com/en-us/library/cc816844(WS.10).aspx</a>
Hyper-V 2012 R2	<a href="http://technet.microsoft.com/en-us/library/hh831531.aspx">http://technet.microsoft.com/en-us/library/hh831531.aspx</a>
XenServer 6	<a href="http://hcl.vmd.citrix.com/">http://hcl.vmd.citrix.com/</a>
KVM	<a href="https://access.redhat.com/ecosystem/search/#/category/Server">https://access.redhat.com/ecosystem/search/#/category/Server</a>