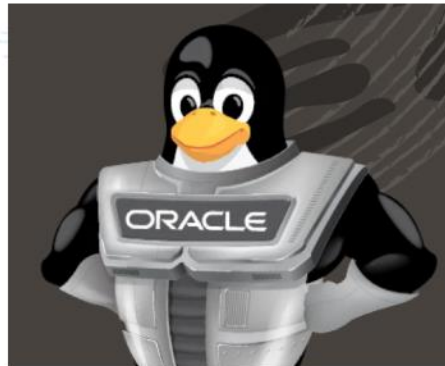


## SAP on Oracle Linux

List of hardware released by Oracle  
(October 2023)



### General notes

For the operation of SAP applications only the hardware listed below is released. If you have questions regarding this, please contact Oracle at: [frontdesk-walldorf\\_de@oracle.com](mailto:frontdesk-walldorf_de@oracle.com)

### Overview of Certified Cloud Systems

#### Cloud Shapes

*Virtual Machine (VM) – Flex – Shapes:*

Machine Type Name	Number of cores	RAM (GB)	Storage (Database Storage)
VM.Standard.E5.Flex	94	1049	Block storage only (512 TB raw)
VM.Standard.E5.Flex	2 <= N <= 94	16 * N (max 1049)	Block storage only (512 TB raw)
VM.Standard.E4.Flex	64	1024	Block storage only (512 TB raw)

VM.Standard.E4.Flex	33 < N <= 64(1)	16*N	Block storage only (512 TB raw)
VM.Standard.E4.Flex	32	512	Block storage only (512 TB raw)
VM.Standard.E4.Flex	2 <= N <= 32(1)	16*N	Block storage only (512 TB raw)
VM.Standard.E3.Flex	62	992	Block storage only (1 PB raw)
VM.Standard.E3.Flex	32 < N <= 62	16*N	Block storage only (1 PB raw)
VM.Standard.E3.Flex	32	512	Block storage only (1 PB raw)
VM.Standard.E3.Flex	2 <= N <= 32(1)	16*N	Block storage only (1 PB raw)
VM.Standard3.Flex	32	512	Block storage only (1 PB raw)
VM.Standard3.Flex	2 <= N <= 32(1)	16*N	Block storage only (1 PB raw)

### *Bare Metal Shapes*

<b>Machine Type Name</b>	<b>Number of cores</b>	<b>RAM (GB)</b>	<b>Storage (Database Storage)</b>
BM.Standard.E4.128	128	2048	Block storage only (1 PB raw)
BM.Standard.E3.128	128	2048	Block storage only (1 PB raw)
BM.Standard3.64	64	1024	Block storage only (1 PB raw)

### *Dedicated Virtual Machine Hosts*

<b>Dedicated Virtual Machine Host Shape</b>	<b>Supported Virtual Machine Shape</b>
DVH.Standard.E4.128	VM.Standard.E4.Flex
DVH.Standard.E3.128	VM.Standard.E3.Flex
DVH.Standard3.64	VM.Standard3.Flex

## Exadata Cloud Shapes (Exadata Cloud@Customer)

Exadata Cloud@Customer Shape / Machine Types	Number of Cores	Amount of RAM (GB)	Storage Database Storage (TB)
ExadataCC.X10M (X10M, X10M-L, X10M-XL)	4 <sup>(*)</sup> - 6,080	2,780 GB, 4,180 GB or 5,600 GB RAM with two nodes, up to 32 nodes	240 - 5,120
ExadataCC.BaseX9M.48	4 <sup>(*)</sup> - 48	656	74
ExadataCC.QuarterX9M.124	4 <sup>(*)</sup> - 124	2,780	192
ExadataCC.HalfX9M.248	8 <sup>(*)</sup> - 248	5,560	384
ExadataCC.FullX9M.496	16 <sup>(*)</sup> - 496	11,120	769
ExadataCC.BaseX8M.48	8 <sup>(*)</sup> - 48	656	74
ExadataCC.QuarterX8M.100	8 <sup>(*)</sup> - 100	2,780	149
ExadataCC.HalfX8M.200	16 <sup>(*)</sup> - 200	5,560	299
ExadataCC.FullX8M.400	32 <sup>(*)</sup> - 400	11,120	598

(\*) Minimum number of cores to run SAP NetWeaver workload.

## Exadata Cloud Shapes (Exadata Cloud Services/Infrastructure)

Shape / Machine type	OCPU	RAM (GB)	Exadata Database Storage
Exadata.X9M / Half Rack X9M	504	5560	381 - 4070 TB
Exadata.X9M / Half Rack X9M	8 <sup>(1)</sup> <= N <= 504	5560	381 - 4070 TB
Exadata.X9M / Quarter Rack X9M	252	2780	190 - 4070 TB
Exadata.X9M / Quarter Rack X9M	4 <sup>(1)</sup> <= N <= 252	2780	190 - 4070 TB
Exadata.X9M (Elastic, 2 DB nodes <= D <= 4 DB nodes)	4 <sup>(1)</sup> <= N <= 504	2780 - 5560	190 - 4070 TB
Exadata.X8M / Half Rack X8M	200	5560	299 TB
Exadata.X8M / Half Rack X8M	16 <sup>(1)</sup> <= N <= 200	5560	299 TB
Exadata.X8M / Quarter Rack X8M	8 <sup>(1)</sup> <= N <= 100	2780	149 TB
Exadata.X8M (Elastic, 2 DB nodes <= D <= 4 DB nodes)	8 <sup>(1)</sup> <= N <= 200	2780 - 5560	149 - 3193 TB

(1) Minimum number of cores to run SAP NetWeaver workload.

## Rack Systems



### Oracle Exadata Database Machine (X8, X8M, X9M, X10M)

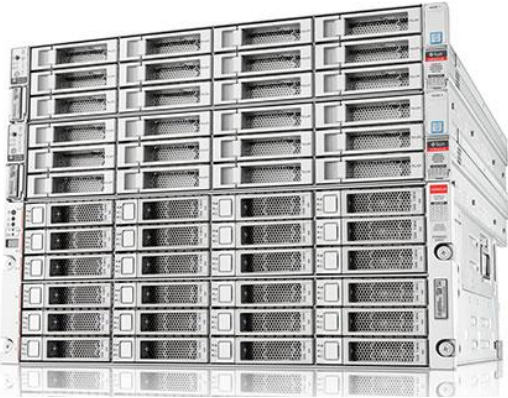
- **CPU type** - 2 x 96-core AMD EPYC™ 9J14 processors, 2.6 GHz (up to 3.7 GHz) and 2 x 32-core AMD EPYC™ 9334 processors 2.7 GHz (up to 3.9 GHz)
- **RAM** - up to 33 TB per rack
- **Certified with** - Please visit the [Oracle website](#) regarding Oracle Linux version support.
- **For more information** - Please visit the [Oracle Web](#) or check SAP note 1590515 - SAP Software and Oracle Exadata



### Private Cloud Appliance (X8)

- **CPU type** - 2 to 25 Intel® Xeon® 5218 2.3 GHz, 16 core processors (Total 32 cores)
- **RAM** - up to 1,5 TB
- **Certified with** - Please visit the [Oracle website](#) regarding Oracle Linux version support.
- **For more information** - Please visit the [Oracle Web](#) or check SAP note 2052912 - SAP Software and Oracle Private Cloud Appliance

## Rackmount Systems



### Oracle Database Appliance X9

- **CPU type** - 2 Servers per appliance: Two 16-core Intel® Xeon® S4314 per server
- **RAM** - up to 2TB
- **Certified with** - Please visit the [Oracle website](#) regarding Oracle Linux version support.
- **For more Information** - Please visit the [Oracle Web](#) or check SAP note 3357018 - Oracle Database Appliance (ODA) – X9-2 systems for SAP - 19.18 installation

### Oracle Servers X9-2

- **CPU type** – Up to two third generation Platinum, Gold, or Silver Intel® Xeon® Scalable Processors
- **RAM** - up to 2 TB
- **Certified with** - Please visit the [Oracle website](#)
- **For more Information** - Please visit the [Oracle website](#).

### Oracle Servers X9-2L

- **CPU type** – Up to two third generation Platinum, Gold, or Silver Intel® Xeon® Scalable Processors
- **RAM** - up to 2 TB
- **Certified with** - Please visit the [Oracle website](#)
- **For more Information** - Please visit the [Oracle website](#)

## Oracle Server X8-8

- **CPU type** - Intel® Xeon®Platinum 8268 processor: 2.9GHz, 24 cores or Intel® Xeon®Platinum 8260 processor: 2.2 GHz, 24 cores
- **RAM** - up to 6 TB
- **Certified with** - Please visit the [Oracle website](#)
- **For more Information** - Please visit the [Oracle website](#).

## CONNECT WITH US

Call +1.800.ORACLE1 or visit [oracle.com](#).

Outside North America, find your local office at [oracle.com/contact](#).

Copyright © 2023, Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not intended to constitute an offer, and is not intended to be relied upon in making any investment decision, and is not intended to create any contractual relationship, and is not intended to be used as a basis for any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. All other trademarks are the property of their respective owners. UNIX is a registered trademark of The Open Group. 0120