

## SAP on Oracle Linux

List of hardware released by Oracle  
(January 2025)



### 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-sapcc\\_mb@oracle.com](mailto:frontdesk-sapcc_mb@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)

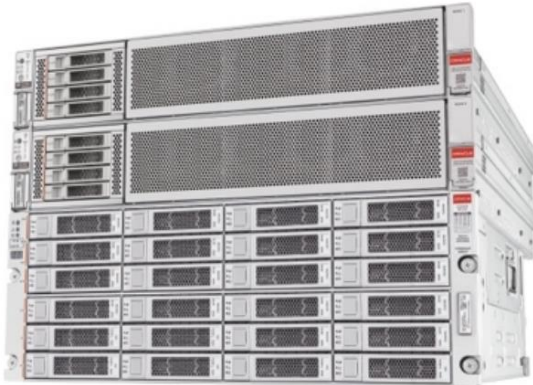
- **CPU type** - 2 x 96-core AMD EPYC™ 9J14 processors, 2.6 GHz (up to 3.7 GHz) and 2 x 32-core AMD EPYC™ 9334 processors 2.7 GHz (up to 3.9 GHz)
- **RAM** - up to 33 TB per rack
- **Certified with** - Please visit the [Oracle website](#) regarding Oracle Linux version support.
- **For more information** - 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 X10 family

- **CPU type** - 2 Servers per appliance: Two AMD EPYC™ 9334 processors per server
- **RAM** - up to 3TB
- **Certified with** - Please visit the [Oracle website](#) regarding Oracle Linux version support.
- **For more Information** - Please visit the [Oracle Web](#) or check SAP notes 2664704, 2929109, and 3250840.

### 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](#).

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