Oracle Exadata Database Machine X7

Technical Specifications

Hardware features include:

- Ultra-fast NVMe flash

- Up to 192 GB/sec throughput

- Up to 3.6 million 8K I/Os per sec and 1/4 millisecond response times

- 720 GB memory capacity per database server

- The fastest x86 processors

- Complete redundancy

Software features include:

- Smart scan

- Storage indexes

- Data mining offload

- Hybrid columnar compression

- Smart flash cache

- Smart flash logging

- In-memory fault tolerance

- I/O resource management

- Network resource management

- Instant failure detection

- Subsecond I/O latency capping

- Columnar flash cache

- Real Application Clusters (RAC) node failure recovery

- Fastest data guard redo apply

- Fastest backup using offload to storage

Features

Most powerful Oracle Database

Get all the options, features, and Enterprise Manager Database Packs.

All Oracle Exadata capabilities

Enjoy extremely high levels of performance, availability, and security.

Rapid, simple database provisioning

Provision databases with a few clicks.

Cloud automation software

Reduce administration workloads and alleviate repetitive tasks.

Flexible subscription pricing

Subscribe to only the compute capacity you need for each application.

100 percent compatibility

Easily migrate data between on-premises and Oracle Public Cloud databases.

cornerstone

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