



Oracle Exadata – Data Sheet

Oracle Exadata

How we can help

It's very common for businesses to not be receiving their maximum ROI from their Exadata simply because they are unable to understand how to effectively run it. That's what we're here for. Infolob's CTO, Tim Fox, and his highly skilled team know every inch of the Exadata platform and have successfully helped dozens of clients optimize theirs. Infolob provides sizing, implementation, tuning and patching, and managed services for Exadata, along with a two-week Exadata performance evaluation that assesses database configuration, smart scan utilization, flash cache configuration and utilization, I/O resource manager configuration and utilization, and Exadata compression utilization. We provide you with a detailed document highlighting how to fix associated issues. Since we invest in all the products we do work on, our expert consultants can easily troubleshoot any problems standing in your way.

Exadata Assessment

Infolob offers a two-week performance assessment for existing Exadata platforms. We assess the current state of your Exadata and provide a comprehensive report with suggested tune ups and customizations.

Contact us with questions and pricing!

Exadata X7-2 Features

- Up to 912 CPU cores and 28.5 TB memory per rack for database processing
- Up to 360 CPU cores per rack dedicated to SQL processing in storage
- From 2 to 19 database servers per rack
- From 3 to 18 storage servers per rack
- Up to 920 TB of flash capacity (raw) per rack
- Up to 2.1 PB of disk capacity (raw) per rack

Exadata Machine Overview

Oracle Exadata is a computing and storage system used for running database programs. It is most effective with enterprise resource planning (ERP) programs (such as Oracle E-business Suite, PeopleSoft, and SAP), data warehousing, and business intelligence. Exadata is capable of running more efficiently than any other system on the market if it is implemented and tuned correctly, making it a worthwhile investment for many businesses.

Exadata has both on-prem and public/private cloud availability, can run smart scans up to thousands of times faster than other platforms, is relatively easy to implement, and has greatly improved support from Oracle.

It features a modern cloud-based architecture with scale-out high-performance database servers, scale-out intelligent storage servers with state-of-the-art PCI flash, and an ultra-fast InfiniBand internal fabric that connects all servers and storage.

- Hybrid columnar compression often delivers 10x-15x compression ratios
- 40 GB/second (QDR) InfiniBand network
- Complete redundancy for high availability

Exadata in the Cloud

Oracle Exadata was built for the Cloud, allowing customers to add servers or make existing ones larger as their need for space increases.