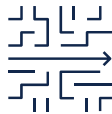


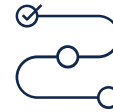
Maximize Oracle Database Performance with Cisco UCS X-Series



Optimized performance



Ease of management



Radical flexibility



Sustainable architecture

Keeping your Oracle Database operating at peak performance doesn't require just a fast CPU. It means changing your notion of infrastructure.

Oracle Database 21c continues to push boundaries, requiring more from your IT infrastructure. Whether you need to better match system resources to workloads, optimize software licenses, comply with regulations, or improve data security, Cisco UCS® X-Series Modular Systems can help you rethink your IT operations.

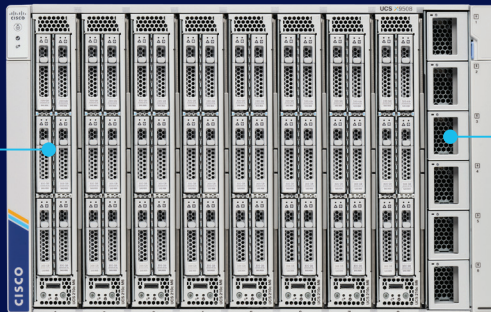
Our modular infrastructure is assembled from the cloud, shaped to your Oracle Database workloads, and continuously optimized to deliver the performance you need. You get a platform that combines the density and efficiency of blade servers with the expandability of rack servers to help you respond at the speed and scale of your business.

Highlights

- **High performance** for Oracle Database workloads
- **Cloud-based infrastructure management** that simplifies deployment and operation
- **Radical flexibility** with a modular system that easily keeps pace with business and database growth
- **Sustainable architecture** that helps reduce demand for power, cooling, and space

Cisco UCS X-Series Modular System

Cisco UCS X9508 Chassis 7RU, 8 flexible slots



Computing
Cisco UCS X210c
M6 Compute Nodes

Power and cooling
6x 2800W PSU
54V power distribution
4x 100 mm dual-rotor fan

Expansion
Future Cisco UCS
X-Fabric Modules

Networking
Cisco UCS 9108 25G
Intelligent Fabric Modules



Rear view

Performance and scale

The Cisco UCS X-Series Modular System offers an operating model with unlimited scale that can shape itself to match the needs of your Oracle database workloads. You can populate the chassis with the high-performance server and storage technology you need today, and move to larger systems without a forklift upgrade. You can even put your X-Series systems into Cisco UCS converged infrastructure solutions for easy access to additional storage capacity.

Fast and flexible I/O

Keeping your Oracle Database workloads busy requires fast access to data. Unlike systems with fixed network and I/O traces on a chassis midplane, our midplane-free design enables easy upgrades to new connectivity technologies as they emerge. Modules mate with I/O connectors on compute and PCIe nodes, making it straightforward to accommodate new network and modular expansion speeds and modalities.

Management simplicity

Cisco Intersight® cloud-operations platform is the force that transforms the Cisco UCS X-Series Modular System from a set of components into a flexible server platform to propel your most important Oracle Database workloads.

Cisco Intersight Infrastructure Service

simplifies daily operations by automating many daily manual tasks. You can manage your Cisco X-Series Modular Systems, other Cisco® data

center products, Cisco converged infrastructure solutions, and third-party endpoints through a browser or mobile application. The system can automatically balance system resources based on your business requirements and policy guidelines, helping ensure your Oracle Database workloads get the resources they need to perform.

Intersight Workload Optimizer revolutionizes the management of application resources across any environment with real-time, full-stack visibility to help ensure performance and better cost control. AI-assisted analytics and resource recommendations can also help you proactively address issues before they harm your business.

Cisco Tetration® platform offers workload protection with a zero-trust mode, segmentation, and insight into how network data flows affect your business. Out-of-policy application, patch, and license alerts help you ensure compliance and avoid the costs of failing an audit.

Cisco AppDynamics® provides a consistent view across your Oracle Database and server infrastructure. You can monitor application and database business process flows in real time, judge how code impacts data center performance, and monitor networks and servers whether on premises or in a private or public cloud to ensure optimal system performance.

Learn more

We make it easy to accelerate Oracle Database workloads. Contact your Cisco sales team or partner for a technical presentation or detailed solution sizing. Visit www.cisco.com/go/oracle.