Olympus O-R700/O-R800

Flexible server with scalable architecture

The Olympus O-R700 and O-R800 servers deliver both large storage capacity and high performance. The 2U, two-socket platform is ideal for software defined storage, service providers or as a virtual desktop. As you scale your deployments, automate your productivity with intelligent, embedded management.

Key Benefits

- **2x Intel® Xeon® Silver 4208 8C 2.10GHz (R700) or 2x Intel® Xeon® Gold 6134 8C 3.2GHz (R800)**
- **Up to 18 x 3.5" drives**
- **Up to 24x 3200MT/s RDIMMs**
- **3x PCIe Gen3 slots (x8)**
- **1x PCIe Gen3 slot (x16)**
- **Preconfigured Windows Server IoT 2019 Std 16 Core, 5 CLT**
- **Powerful performance for scalable businesses**
- **Meet changing business requirements**

— POWERED BY —
DELL Technologies

OverlandTandberg.com

Accomplish IT transformation with an expandable, virtualization-ready platform

Overland-Tandberg servers easily scale and leverage key technologies to maximize application performance. The Olympus O-R700 and 0-R800 rack servers are built on a scalable architecture that provides choice and flexibility to optimize performance and density to power the most demanding environments.

- Dual Intel® Xeon® Silver 4208 or Gold 6134 processors for high compute performance
- Dual, hot-plug, redundant 750W/1100W power supplies
- Flexible storage with 18 x 3.5" drive bays

Modernize your data center with a scalable business architecture

A scalable business architecture will help you adapt to your changing business realities and can be fine-tuned to address your specific workloads from traditional infrastructure to software defined, cloud-enabled data centers.

With innovative performance enhancements and new technologies, O-R700/800 servers offer MultiVector Cooling and enhanced memory speeds.

Ideal workloads:

- Software-defined storage
- Big Data server
- HPC
- Service providers: data tier

Automate productivity with intelligent, embedded management

Automation and intelligent management mean you spend less time on routine maintenance so you can focus on bigger priorities.

- Help maximize uptime and reduce IT effort to resolve with ProSupport Plus and SupportAssist
- Leverage existing management consoles with easy integrations for VMware® vSphere®, Microsoft® System Center and Nagios®
- Help improve productivity with agent-free Dell EMC iDRAC9 for automated, efficient management
- Simplify deployment with Open Manage next-generation console and server profiles to fully configure and prep servers in rapid, scalable fashion

Fortify your data center with comprehensive protection

O-R700/800 provide a comprehensive, cyber-resilient architecture with security embedded into every server to protect your data.

- Protect server configuration and firmware from malicious changes with new Configuration Lock-down
- Use system erase of local storage to help ensure data privacy when repurposing or retiring servers
- Automate updates that check file dependencies and proper update sequence, before deploying them independently from the OS/hypervisor
- Maintain control of server updates with intelligent, embedded authentication designed to allow only properly signed updates

Technical Specifications	O-R700	O-R800
Processor	2x Intel® Xeon® Silver Silver 4208 8C 2.10GHz	2x Intel® Xeon® Xeon Gold 6134 8C 3.2GHz
Memory	192GB (12x16GB DDR DIMM), 24 DDR4 DIMM slots, Supports RDIMM/ LRDIMM, speeds up to 2933MT/s, 3TB max Supports registered ECC DDR4 DIMMs only	384GB (12x32GB DDR4 DIMM), 24 DDR4 DIMM slots, Supports RDIMM/ LRDIMM, speeds up to 2933MT/s, 3TB max Supports registered ECC DDR4 DIMMs only
Operating system	Microsoft® Windows Server IoT 2019 Std 16 Core, 5 CLT	
Storage controller	PERC H750 adapter LP	
RAID	No RAID preconfigured	
Drive bays	18 x 3.5" SAS/SATA (HDD/SSD)	
SDD/HDD storage (as configured)	2x 960GB SSD SAS ISE Read Intensive 12Gbps 512 7x 12TB 7.2K RPM NLSAS 12Gbps 512	4x 960GB SSD SAS ISE Read Intensive 12Gbps 512 7x 12TB 7.2K RPM NLSAS 12Gbps 512e
Optional SSD/HDD drives	960GB SSD SAS ISE Read Intensive 12Gbps 512 12TB 7.2K RPM NLSAS 12Gbps 512e	
Power supply	Dual, hot-plug, redundant power supply, 750W/1100W	
Dimensions excluding bezel (2U Form Factor)	Height: 86.8mm (3.4") Width: 434mm (17.1") Depth: 737.5mm (29.0") Weight: 33.1kg (73.0lbs.)	
Bezel	Security bezel	
Embedded / at the server[1]	iDRAC9 with Lifecycle Controller iDRAC Direct iDRAC REST API with Redfish Quick Sync 2 BLE/wireless module	
Consoles[1]	OpenManage Enterprise	
Mobility[1]	OpenManage Mobile	
Integrations[1]	Microsoft® System Center, VMware® vCenter™, BMC Truesight, Red Hat® Ansible® Modules	
Connections	Nagios® Core & Nagios® XI, IBM Tivoli Netcool/OMNIbus, IBM Tivoli Network Manager IP Edition, Micro Focus Operations Manager I	
Tools[1]	iDRAC Service Module OpenManage Storage Services	
Security	Cryptographically signed firmware Secure boot System lockdown System erase	
I/O & ports	1x Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC 1x SAS 12Gbps Dual Port Front Ports: 1 x Dedicated iDRAC Direct USB, 2 x USB 2.0, 1 x Video Rear ports: 1 x Dedicated iDRAC Network Port, 1 x Serial, 2 x USB 3.0, 1 x Video Optional: Broadcom 57414 Dual Port 10/25GbE SFP28 Adapter, PCIe Full Height Broadcom 57416 Dual Port 10GbE BASE-T Adapter, PCIe Full Height Intel X710-T2L Dual Port 10GbE BASE-T Adapter, PCIe Full Height Intel XL710 Dual Port 40GbE QSFP+ Adapter, PCIe Full Height QLogic 2692 Dual Port 16Gb Fibre Channel HBA, PCIe Full Height QLogic 2772 Dual Port 32Gb Fibre Channel HBA, PCIe Full Heightt Emulex LPe31002 Dual Port 16Gb Fibre Channel HBA, PCIe Full Height	
Warranty and service options	3Y/5Y ProSupport and Next Business Day Onsite Service 3Y/5Y ProSupport and 4Hr Mission Critical (24x7)	

[1]IDRAC and associated management technologies listed in the document are owned by DellEMC.

All systems are available in individual configurations (drives, network connectivity, support options).

Contact us now for your customized offer.

Sales and support for Overland-Tandberg products and solutions are available in over 100 countries.
Contact us today at sales@overlandtandberg.com. Visit OverlandTandberg.com.