

Overland-Tandberg Appliances

First and last line of defense against cyber-attacks, IT disasters and data loss



The Olympus Appliance Series is an all-in-one means to neutralize ransomware attacks, deliver effective disaster recovery (DR) and restore data - all-in-one data protection strategy that can be deployed in just 15 minutes flat.

Powered by award-winning Arcserve United Data Protection (UDP) and Sophos Intercept X cybersecurity, Overland-Tandberg Olympus Appliances uniquely combine deep learning endpoint protection with onsite and offsite business continuity capabilities for a multi-layered approach that delivers complete IT resiliency.

Architected with cloud-native capabilities, Arcserve Appliances integrate into your on- and offsite disaster recovery with built in cloud DR and backup to the Overland-Tandberg Cloud, as well as to private and public clouds, including Amazon®, AWS, Microsoft Azure®, Nutanix® Objects, Eucalyptus® and Rackspace®.

Appliances At-A-Glance

- Up to 20 CPU cores and 768GB RAM to spin up dozens of VMs in case of failures
- Up to 504TB effective capacity of a single appliance with up to 6PB of backups managed via a single user interface
- Up to 1:20 deduplication ratio and extreme, flash-accelerated deduplication performance with Enterprise-grade SAS HDDs and SSDs
- 12Gbps RAID cards with 2GB NV cache and redundant hot-swap power supplies for high-performance and reliability
- Sophos Intercept X Advanced for Server Included to defend backups from ransomware malware and hacker attacks
- Onsite support in as little as 4 hours for peace of mind

Key Features

Ransomware Prevention Made Simple

- Implement quick disaster recovery for physical servers and cloud Windows/ Linux instances.
- Protect VMware, Hyper-V, RHEV, KVM, Nutanix AHV, Citrix and Xen VMs with agentless and agent-based backup.
- Back up and recover Microsoft Office 365, UNIX, FreeBSD, AIX, HP-UX, Solaris, Oracle Database, SAP HANA and more, protecting your entire IT infrastructure from ransomware.
- Spin up dozens of VMs on the appliance with up to 20 cores on Intel Xeon CPUs and up to 768GB DDR4-2400Mhz RAM.

Secure Your Backups from Any Threat

- Keep your data and system backups safe with Sophos Intercept X Advanced for Server, preloaded and shipped on Arcserve Appliances.
- Stay protected against any threat, including unknown malware, with a deep learning neural network combined with signature-based protection from common threats.
- Prevent major hacking techniques, including credential harvesting, lateral movement and privilege escalation with exploit prevention.
- Stop ransomware attacks on backup data with CryptoGuard and master boot record attacks with WipeGuard.

Scale Without Limitations

- Enable safe business and IT growth with 3 configuration options that range from 24TB to 504TB of effective capacity per appliance.
- Keep up with data growth by expanding original capacity by up to four times with in-field, in-appliance Expansion Kits.
- Seamlessly scale up and out to the cloud with fully integrated hybrid cloud services.
- Reduce backup storage requirements up to 95% with built-in SSD drives and hyper-efficient global deduplication.

Eliminate Ransomware-induced IT Disruptions

- Quickly install the "set it and forget it," multi-layered anti-ransomware solution, proven to be deployable in under 15 minutes.
- Protect hundreds of systems with scalable, policy-based disaster recovery and backup management.
- Reclaim up to 50% more time to spend on strategic IT initiatives.
- Keep business and IT stakeholders informed with SLA reporting that includes recovery time objective (RTO) and recovery time actual (RTA) comparisons.

Gain Peace of Mind

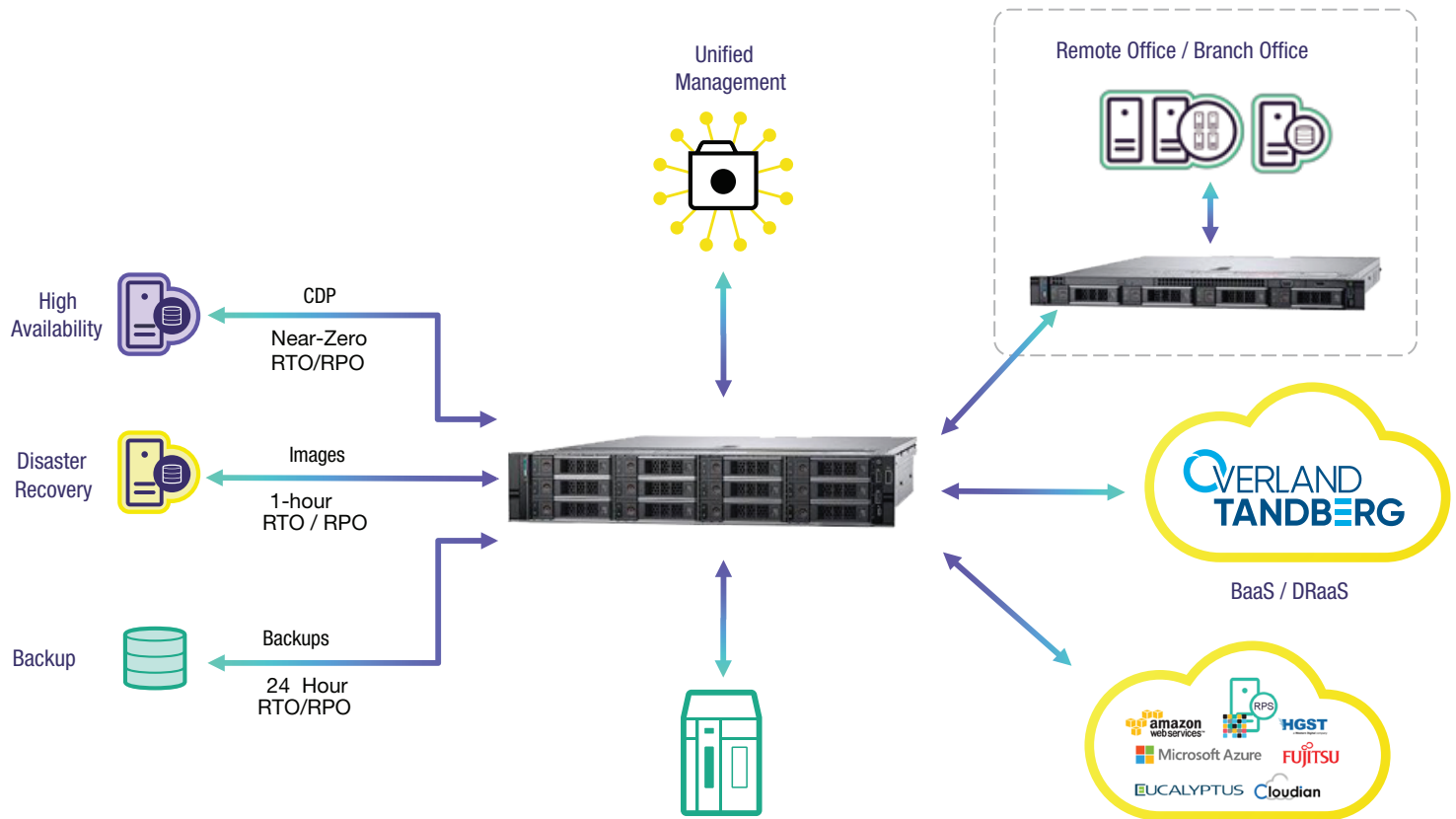
- Remove the "do it yourself" complexity of orchestrating a cohesive data protection and cyber security strategy with one solution, from one vendor for backup, disaster recovery, high availability, security, hardware and cloud services.
- Recover data and Windows/Linux systems across hardware, cloud and hypervisors. Experience unparalleled ease of deployment and usability with a simple, wizard-driven setup.

Protect from Major Disasters

- Benefit from cloud economies of scale by storing backups and rapidly spinning up systems off-site in the Overland-Tandberg Cloud or private and public clouds, including Amazon® AWS, Microsoft Azure®, Eucalyptus® and Rackspace®.
- Reduce the need for dedicated bandwidth with built-in, WAN-optimized backup replication.
- Send copies of your sensitive data and systems off-site with proven RDX removable disk and LTO tape drive / library integration.

Flexible Deployment

Businesses of all sizes leverage Overland-Tandberg appliances to streamline a wide variety of deployment scenarios:



- Single-site protection for physical or virtual systems, including x86 and non-x86
- Primary site protection combined with copy to Overland-Tandberg Cloud
- Cross-site protection between two sites
- Central appliance site with multiple branch offices
- Hybrid deployment with a combination of on-premises local, remote and cloud systems

Performance

Overland-Tandberg Olympus Appliances streamline your environment with a wide variety of deployment scenarios, including single-site, primary site, cross-site, central appliance site, and a hybrid combination of on-premises local, remote, and cloud systems. Each appliance is a self-contained, "set and forget" disaster recovery and backup solution architected with cloud-native capabilities, global source-based deduplication, multi-site replication, tape integration and automated data restore capabilities.

Its performance is unmatched, with models O-R400A delivering up to 20 TB/hour throughput based on global source-side deduplication with a 98% deduplication ratio. Models O-R700A and O-R800A deliver up to 76TB/hour throughput based on global source-side deduplication with a 98% deduplication ratio.

Technical Specifications	O-R400A	O-R700A	O-R800A
Effective Capacity (TB) ¹	24	192	504
Form Factor	1U	2U	
Base RAM	48GB (6x8)	192GB (12x16)	384GB (12x32)
Max. RAM	176GB	384GB	768GB
SSD	1x 480GB	2x 1.9TB (RAID1)	
CPU	Intel® Xeon® Silver 4208	Dual Intel® Xeon® Silver 4208	
RAID Controller	PERC H730P Low Profile, 2GB NV Cache	PERC H730P Minicard, 2GB NV Cache	
RAID Configuration	RAID5	RAID6	
Drive Bays	3xHDD, 1xSSD	16xHDD, 2xSSD	
SAS 12G HDD	3x4TB	10x8TB	16x12TB
Usable Capacity	8TB	64TB	168TB
DIMM Slots	10 ²	24	
Broadcom 5720 1GB LAN Ports	2 on-board (+4 optional)	4-on-board	
SAS 12GBps HBA External Controller		Included	Included
Intel X550 Dual Port 10G Base-T Adapter	Optional	Included	
Intel X710, Dual Port 10G SPF+ FC Adapter		Optional	
QLogic 2692 Dual Port 16Gb Fibre Channel HBA		Optional	
Remote Hardware Management		iDrac 9 Enterprise	
Power Supplies	Dual, Hot-Plug, Redundant Power Supply (1+1), 550 W	Dual, Hot-Plug, Redundant Power Supply (1+1), 750 W	
Weight	53lbs. (24kg)	75 lbs. (34kg)	
In-rack Dimensions ³	25.9" x 17.1" x 1.7" (65.7 cm x 43.4 cm x 4.3 cm)	26.7" x 17.1" x 3.4" (67.9 cm x 43.4 cm x 8.7 cm)	
Outer Dimensions ⁴	28.7" x 19.0" x 1.7" (72.9 cm x 48.2 cm x 4.3 cm)	29.6" x 19.0" x 3.4" (75.1 cm x 48.2 cm x 8.7 cm)	
Packaging Dimensions	36" x 23" x 10" (92 cm x 59 cm x 25 cm)	38" x 26" x 12" (97 cm x 66 cm x 30 cm)	

¹ Effective capacity takes global source deduplication into account and is equal 3x the usable capacity. Actual backup capacity may vary depending on data types, backup type and schedule, as well as other factors.

² Appliance models O-R400A has 16 DIMM slots on the dual-socket motherboard, however as this model has only one CPU installed, maximum 10 DIMM slots can be populated.

³ In-rack dimensions exclude bezel, front panel and power supply handles.

⁴ Outer dimensions include bezel, front panel and power supply handles.

Sales and support for Overland-Tandberg products and solutions are available in over 90 countries.
Contact us today at sales@overlandtandberg.com

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