

An integrated cyber resilience solution with award-winning software and optimized hardware

Arcserve 10000 Appliances series is an all-in-one data protection solution that combines our premier data protection software, UDP 10, with a powerful and optimized server hardware. This solution offers unparalleled backup, replication, and enhanced malware detection capabilities to various backup destinations (disk, cloud, tape).

The value of data for business is no longer a question. Businesses of all sizes seek the best ways to secure their data and streamline cyber resilience strategies. Even for large organizations with established IT teams and data security protocols, the risk of data loss and the importance of data protection practices are at the top of their minds.

For smaller businesses, allocating the needed resources to develop a data protection solution that would work for them can be a challenge. Business owners and IT leaders are seeking to address the growing demands for cyber resilience with the optimal amount of effort and resources due to skills shortage and budget restrictions.

Less than 30% of SMBs manage their security in-house, although more companies are looking for cybersecurity solutions to protect themselves from financial losses and safeguard confidential commercial and customer data. ¹

SMBs should seek a unified solution that is easy to use and covers most of their data protection challenges and workflows.

1 in 3 SMBs has experienced a cyber attack, but at the same time, 26% of SMBs still have the mindset “We’re too small to be targeted by hackers” ¹

65% of SMBs will focus their spending on increased data protection. ¹

Arcserve 10000 Series Appliances provide key benefits that smaller IT teams will appreciate:

| | | |
|---|---|---|
| <p>All-in-One Protection Disaster recovery, backup, and application availability up to 24 CPU cores and 512 GB RAM. The maximum effective capacity is 576TB Per Appliance.</p> | <p>Rapid Deployment Set up and protect data within an hour without disruption or special IT skills.</p> | <p>Seamless Integration Outstanding compatibility with existing IT infrastructures, as the hardware is produced by the fastest-growing provider of server, storage, and networking solutions – Supermicro.</p> |
| <p>Verified Performance Hardware is rigorously optimized for Arcserve UDP – an award-winning cyber resilience solution.</p> | <p>Single Route for Support Enjoy peace of mind with a single point of contact for all your support needs. No more juggling between vendors; Arcserve has you covered.</p> | <p>Enhanced Security Enjoy enterprise-grade security features that ensure compliance with stringent regulatory requirements across multiple landscapes.</p> |

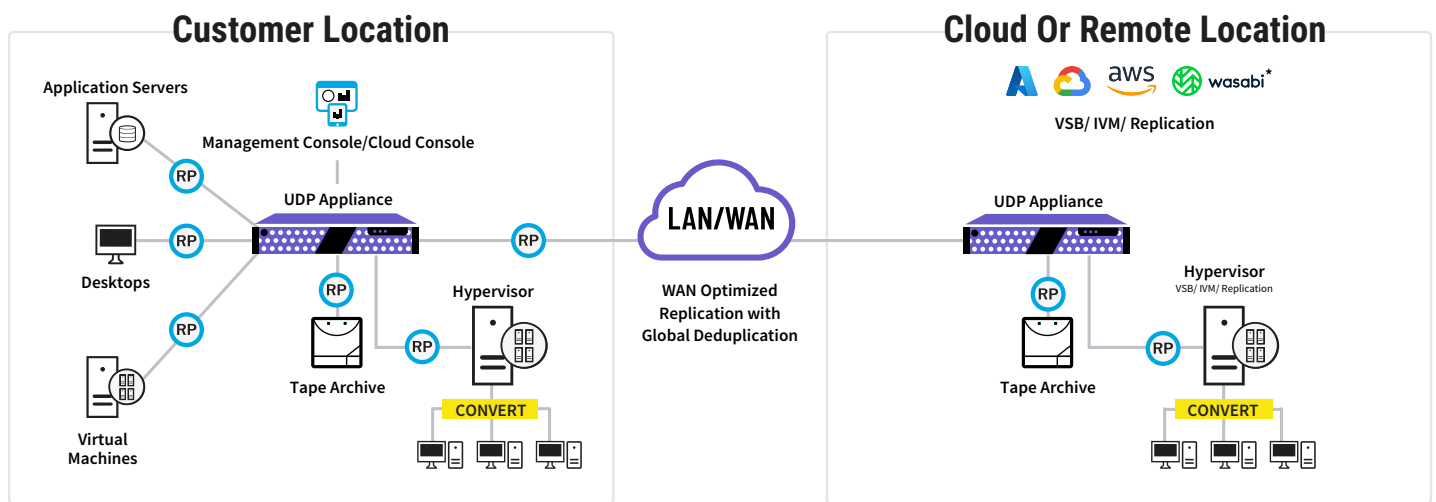


¹Microsoft, Small and medium business (SMB) cyberattacks are frequent and costly, 2024

Arcserve 10000 Series Appliances at a Glance

The Arcserve 10000 Appliances Series offers the elegance of an all-in-one solution through integrated and optimized hardware and software, enhancing security and simplifying compliance should you store your data on-prem. This design ensures superior performance with swift on-site data management. Additionally, its robust disaster recovery and business continuity features empower businesses to remain resilient against disruptions, making it a comprehensive choice in data protection.

How It Works



*Replication only functionality in Wasabi

Arcserve 10000 Series Appliances offer multiple deployment scenarios:

| | | | | |
|--|--|---|---|--|
| <p>Single-Site Protection</p> <p>For both physical and virtual systems.</p> | <p>Hybrid Deployment</p> <p>On-premises, remote, and cloud systems integration.</p> | <p>Cross-Site Protection</p> <p>Between multiple locations, ensuring comprehensive data safety</p> | <p>Primary Site Backup</p> <p>With a copy to Arcserve Cloud for off-site data recovery</p> | <p>Central Appliance</p> <p>A site with multiple branch offices</p> |
|--|--|---|---|--|

The solution fits easily into existing data centers for robust on-site protection, can be used in remote or hybrid setups, and supports cross-site and multi-site operations, ensuring comprehensive protection of your data.



CPU and RAM Configurations

| | 10048DR | 10072DR | 10144DR | 10192DR | 10288DR | 10384DR | 10576DR |
|---|--|----------------|--------------|--------------|---------------|---------------------------------------|---------------|
| Effective Capacity (TB)¹ | 48 | 72 | 144 | 192 | 288 | 384 | 576 |
| Usable Capacity | 16TB | 24TB | 48TB | 64TB | 96TB | 128TB | 192TB |
| Maximum usable capacity using expansion kit | 40TB | 40TB | 80TB | 80TB | 160TB | 160TB | NA |
| Maximum Effective Capacity with expansion kit (TB)¹ | 120TB | 120TB | 240TB | 240TB | 480TB | 480TB | ✗ |
| Form Factor | 2U | | | | | | |
| Base RAM (DDR5 5600) | 128GB (4x32GB) | 256GB (8x32GB) | | | | | 384GB (12x32) |
| Max RAM | 512GB | | | | | | |
| SAS 12G HDD Enterprise Grade 7.2k | 6x4TB | 8x4TB | 8x8TB | 10x8TB | 8x16TB | 10x16TB | 14x16TB |
| NVMe M.2 | 2x480GB (RAID 1) for OS and UDP | | | | | | |
| SSD | 2x 3.2TB (RAID1) | | | | | | |
| CPU | Dual Intel® Xeon® Silver 4510T 12C 2 G | | | | | | |
| RAID Controller | Broadcom 3916 with CacheVault write cache protection | | | | | | |
| HDD RAID Configuration | RAID6 | | | | | | |
| Drive Bays | 14xHDD, 2xSSD | | | | | | |
| Optional HDD Expansion Kit | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| Optional RAM Expansion Kits | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| DIMM Slots | 16 | | | | | | |
| NIC | Total 4 Ports. 2x 10GbE on-board. 2x 10 GbE Base-T via Broadcom BCM57416 | | | | | | |
| Available PCIe slots | 3(Low Profile) | | | | | | |
| Remote Hardware Management | IPMI(Advance License) | | | | | | |
| Power Supplies | 2x 1600W Redundant Titanium Level (96%) hot-swap replacement | | | | | | |
| HDD Kit (optional) | 8x4TB (24TB) RAM Upgrade recommended | 6x4TB (16TB) | 6x8TB (32TB) | 4x8TB (16TB) | 6x16TB (64TB) | 4x16TB (32TB) RAM Upgrade recommended | ✗ |



CPU and RAM Configurations

| | 10048DR | 10072DR | 10144DR | 10192DR | 10288DR | 10384DR | 10576DR |
|---|--|---|---------|---------|---------|----------------------------|---------|
| RAM Expansion Kit (Optional) | RAM Expansion Kit (Optional) Each kit of 128GB (4x32) Can be ordered in multiples. Max 3 Kits | Each kit of 128GB (4x32) Can be ordered in multiples. Max 2 Kits. | | | | 128GB (4x32) Max 1 kit. | |
| External 12GBps SAS HBA - Broadcom Aero HBA 9500-8e PCIe Gen4 | Optional | | | | | | |
| 10Gbit LAN - Broadcom BCM57416 dual-port 10Gbps Base-T Adapter | Optional | | | | | | |
| 10Gbit Optic Ethernet - Intel X710 Std LP Dual port 10G SFP+ | Optional | | | | | | |
| 25Gbit Optic Ethernet - Broadcom BCM57414 Std LP Dual port 25G SFP28 | Optional | | | | | | |
| 16G Fibre Channel - QLogic 2692 Dual Port 16Gb Fibre Channel HBA | Optional | | | | | | |
| Weight | Gross Weight: 62 lbs (28.12 kg) Net Weight: 41.5 lbs (18.82 kg) | | | | | | |
| Packaging Dimensions | 658 x 274 x 998mm (25.9" x 10.8" x 39.3") | | | | | | |
| In-Rack Dimensions | 437 x 89 x 705mm (17.2" x 3.5" x 27.75") | | | | | | |

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.

- Each 2U 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 global source-side deduplication, with a 98% potential deduplication ratio.
- Streamlined in-appliance expansion capabilities through added HDDs and RAM for the appliance itself – no shelves required.



Core Features and Advantages

All-in-one solution

- Combines backup, disaster recovery, and high availability under unified management
- Access through user-friendly on-prem or Cloud based Console
- Quick setup
- A wide range of supported data sources and backup destinations: on-prem and in the cloud (GCP, AWS, Azure, Wasabi)
- Automated updates
- Reliable performance and fast backups

Advanced performance

- Up to a 20:1 deduplication ratio and extreme, flash-accelerated deduplication performance with enterprise-grade SAS HDDs and SSDs
- New systems boot from SSD, which makes appliances much faster on startup and leads to faster operation
- Available in several configurations catering to different business needs
- Additional reliability with full component redundancy – all DR models include dual CPUs, dual redundant power supplies, RAID-6 HDDs, and RAID-1 SSDs
- Implement quick disaster recovery for physical and virtualised servers and cloud Windows/Linux instances
- Protect VMware, Hyper-V, RHEL, KVM, Nutanix AHV, Citrix, and Xen VMs with agentless and agent-based backup
- Spin up dozens of VMs on the appliance with additional expansion options available

Scalable and affordable

- All-in-one disaster recovery (DR), backup, and application availability, supported by up to 24 CPU cores and 512 GB RAM
- Maximum effective capacity is 576TB, 72TB more than 9000 series
- Lowest storage costs with best-in-class deduplication and compression
- Lowest maintenance and operational costs: no need for specialized resources or a dedicated backup administrator



Core Features and Advantages

Advanced security

- Built-in security and compliance features
- Advanced and easy-to-use governance
- Proactive malware scans with UDP's Assured Security
- Data stored on the appliance resides directly within your infrastructure, ready to meet stringent compliance and governance requirements

Improved cyber resiliency

- Enable simultaneous replication to multiple targets with One-to-Many replication to avoid a single point of failure
- Perform on-demand recovery with Ad-Hoc Virtual Standby to cloud
- Quickly import/mount data stores from a snapshot or an object-locked bucket
- Save time with Instant SQL Recovery and Manual table restore by performing a granular level restore of a SQL Database within an SQL server



Product Info



Request a Demo

Take the Next Step to Your Data Resiliency

Arcserve is the pioneer in unified data resiliency. With a unified approach to data protection, world-class support, and the lowest TCO, Arcserve helps businesses manage, defend, and recover their data.

Reach out to us at info@arcserve.com

