

Arcserve N Series Appliances

Hyperconverged Data Protection
Powered by Nutanix. Secured by Sophos.

Hyper-available, hyperconverged data protection, scale-out, enterprise-ready, first and last line of defense against ransomware-attacks.



Arcserve® N Series Appliances deliver a Hyper-Available Recovery platform for Enterprises requiring protection for critical workloads.

The industry's first turnkey appliance that converges leaders in the data protection, hyperconvergence and cybersecurity space to present a unified offering allowing enterprise businesses to comprehensively protect their priceless digital assets.

Arcserve's hyperconverged data protection appliances run, award-winning, Arcserve Unified Data Protection (UDP), powered by Nutanix and secured by Sophos Intercept X.



Appliance Highlights

- **Hyper-Available Recovery Platform** from Arcserve powered by Nutanix enabling 24x7 availability for backups
- Incremental and linear scale-out allowing customers to **start small and grow with need**
- A minimum of 4-Nodes, 48 drives, up to 540TB effective capacity and 1.5TB RAM per cluster
- Hyper-redundant architecture presenting a resilient, high-performing environment
- **Sophos Intercept X Advanced for Server** to defend backup system from ransomware and hacker attacks
- **On-site support** in as little as 4 hours for peace of mind



Key Features

Hyper-Available Recovery Platform

- Clustered and Highly Available Platform ensures hyper-availability for customer's critical backup data, eliminating the chances of business interruptions due to backup store downtime
- Shorter backup windows with optimal use of resources given the hyperconverged architecture, saves time and costs unlike traditional systems requiring laborious management needs
- Easily manage SLAs, RPOs and RTOs mandated by company policies, regional requirements, or business requirements with a hyper-available platform

Hyperscaler, optimized for backup consolidation

- Back up and recover data from SQL Server, Exchange, File Servers, NAS, SAN, Oracle Database, UNIX, FreeBSD, AIX, HP-UX, Solaris, Oracle Database, SAP HANA and more, confident that the backups reside on a hyper-reliable and hyper-available platform
- Optimized to consolidate backups for enterprises running exacting workloads spread across datacenters, running workloads in physical, virtual or cloud systems
- Nutanix offers a resilient platform with an in-built feature called 'resiliency factor' that offers data availability and redundancy in cases where a node or disk fails or when the system encounters a disk corruption

Scale-Out and Pay-As-You-Grow

- Seamless scale-out, incremental and linear, allows customers to start small with just the needed investment and expand as needs increase. Traditional approaches require sizing and upfront investment considerations, completely eliminated with this approach
- Performance at scale is managed optimally with consistent performance irrespective of the scale-out state, unlike systems whose performance experience degradation with scale
- Eliminates the need for frequent additions or changes to computing resources, often required to optimize system performance, with a hyperconverged and unified architecture

Secure Your Appliance from Any Threat

- Keep your backup system safe with Sophos Intercept X Advanced for Server, shipped with the Hyperconverged 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

Ransomware-Free IT with Multi-Layer Protection for Business

- Implement secure backup for large data sets for physical servers and cloud Windows / Linux instances
- Strengthened 'Last-Line of Defense' that offers reliable backup & proven disaster recovery with market leading cybersecurity for proactive server protection
- Nutanix's object store offers tight access controls preventing potential ransomware attacks with restricted visibility that makes it difficult for ransomware to encrypt data

Complete Peace of Mind

- Remove the "do it yourself" complexity of building and strategizing a comprehensive data protection solution that includes needs for a resilient platform, scalability needs for an expanding protection landscape along with cyber security needs by choosing Arcserve's Hyperconverged Data Protection Appliances that offers hyper-availability, incremental and linear scale-out, resilience, security, backup and cloud services – An 'All-in-One' integrated turnkey appliance
- Arcserve offers a single-point of contact, eliminating traditional hassles such as contacting multiple vendors, finger-pointing issues, and other support-related problems
- Experience unparalleled ease of deployment and usability with a simple, wizard-driven setup



Arcserve N Series Specification

Models	N1400-4	N1600-4
Data Protection Software	Arcserve UDP Premium Edition Included	
Hyperconvergence Platform	Nutanix AOS for AHV Included	
Cybersecurity Software	Sophos Intercept X Advanced for Server Included	
Rack size per node	2U	2U
Min # of nodes per cluster	4	4
HDD per node	96TB	120TB
SSD per node	15.36TB	15.36TB
RAM per node	384GB	384GB
Networking per node	Mellanox ConnectX-4 LX Dual Port 10/25GbE SFP28, rNDC 406-BBLG	
Processor per node	Intel Xeon Silver 4214R 2.4G, 12C/24T, 9.6GT/s, 16.5M Cache, Turbo, HT (100W) DDR4-2400 338-BVJX	
Cores per node	24	24
Raw capacity per cluster	445TB	540TB
Usable capacity per cluster	160TB	240TB
Drives per cluster	48	48
Replication Factor / Failover Plan	RF2 (N+1)	RF2 (N+1)

Scale-out Node (add-on)		
Models	N1400	N1600
Rack size per node	2U	2U
Number of nodes	1	1
HDD per node	96TB	120TB
SSD per node	15.36TB	15.36TB
RAM per node	384GB	384GB
Raw capacity per node	111TB	135TB
Usable capacity per node	50TB	70TB
Networking per node	Mellanox ConnectX-4 LX Dual Port 10/25GbE SFP28, rNDC 406-BBLG	
Processor per node	Intel Xeon Silver 4214R 2.4G, 12C/24T, 9.6GT/s, 16.5M Cache, Turbo, HT (100W) DDR4-2400 338-BVJX	

Take the Next Step

Find out more at arcserve.com
 or contact us at +1 844 639-6792



About Arcserve

Arcserve, a global top 5 data protection vendor, provides the broadest set of best-in-class solutions to manage, protect and recover all data workloads, from SMB to enterprise and regardless of location or complexity. Arcserve solutions eliminate complexity while bringing best-in-class, cost-effective, agile, and massively scalable data protection and certainty across all data environments. This includes on-premises, cloud (including DRaaS, BaaS, and Cloud-to-Cloud), hyperconverged, and edge infrastructures. The company's nearly three decades of award-winning IP, plus a continuous focus on innovation, means that partners and customers, including MSPs, VARs, LARs, and end-users are assured of the fastest route to next-generation data workloads and infrastructures. A 100% channel-centric organization, Arcserve has a presence in over 150 countries, with 19,000 channel partners helping to protect 235,000 customers' critical data assets. Explore more at arcserve.com and follow @Arcserve on Twitter.

Explore more at arcserve.com