

## Datasheet

# StarWind Backup Appliance

StarWind Backup Appliance (BA) is designed to help organizations eliminate the dependency of their production environment on the backup processes. Powered by NVMe storage, it completely removes the common backup repository performance bottleneck and the need to plan and fit into a specific backup window.

Backups can now be performed at any time without impacting your applications and services. Moreover, you can instantly recover files or VMs in case of emergency, meeting the strictest RTO and RPO requirements. To ensure maximum integration simplicity, StarWind BA is delivered as a fully pre-configured, ready-to-backup storage solution and tastes best with StarWind HyperConverged Appliance (HCA).

StarWind BA also features higher data safety thanks to backup storage space being isolated from the backup application layer and connected automatically only when required. Finally, leveraging StarWind ProActive Premium Support, Backup Appliance from StarWind makes sure that your backups are on their best behavior and run smoothly even when you are offline, on a vacation, or fast asleep.

## Performance and Features

- > Blazing-fast backup process powered by NVMe-based storage
- > Near-to-instant restores allowing to fit even the strictest RTO and RPO requirements
- > Improved ecological footprint due to less heat generated and less power consumed to cool the system



## Simplicity of Use

- > Fully pre-configured backup solution designed as per your specific requirements
- > Transparent and future-proof architecture combining the best commodity hardware, an industry-standard hypervisor of your choice, and a StarWind SDS engine
- > Convenient Web UI to deliver a seamless user experience

## Data Safety

- > Segregated backup storage and backup application layers with smart storage connection
- > Protection against drive failure by employing erasure-coding technologies
- > ProActive Premium Support to ensure frictionless backup jobs operation at any point in time

Model	BA 30	BA 60
Chassis configuration	1U, 5/10	1U, 9/10
CPU	2 x Intel® Xeon® Bronze 3206R Processor	
RAM*	64 GB	
Storage Media	7.68 TB U.2 NVMe	
Usable Capacity**	30.7 TB	61.4 TB
Networking***	2 x 10 GbE Base-T, 2 x 10/25 GbE SFP28	

\* The default amount of RAM. Can be customized per request for being able to recover your production on the backup appliance

\*\* Usable capacity after the RAID

\*\*\* Networking can be customized upon request

**Supported Hypervisors:** Microsoft Hyper-V 2016, 2019, 2022; VMware vSphere 6.5, 6.7, 7.0

**Supported Storage Protocols:** iSCSI, SMB3, NFSv4.1, NVMe-oF

**Backup Software:** Veeam® Backup and Replication™ V10 and V11 certified

**Recommended Monitoring, Reporting, and Capacity Planning:** Veeam® ONE™ V10 and V11

**Management and Security:** StarWind Web UI, StarWind vCenter Plugin, StarWind ProActive Premium Support

System configurations presented in this document are for reference only. For exact system configuration please inquire with your Account Manager.

## Contacts



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