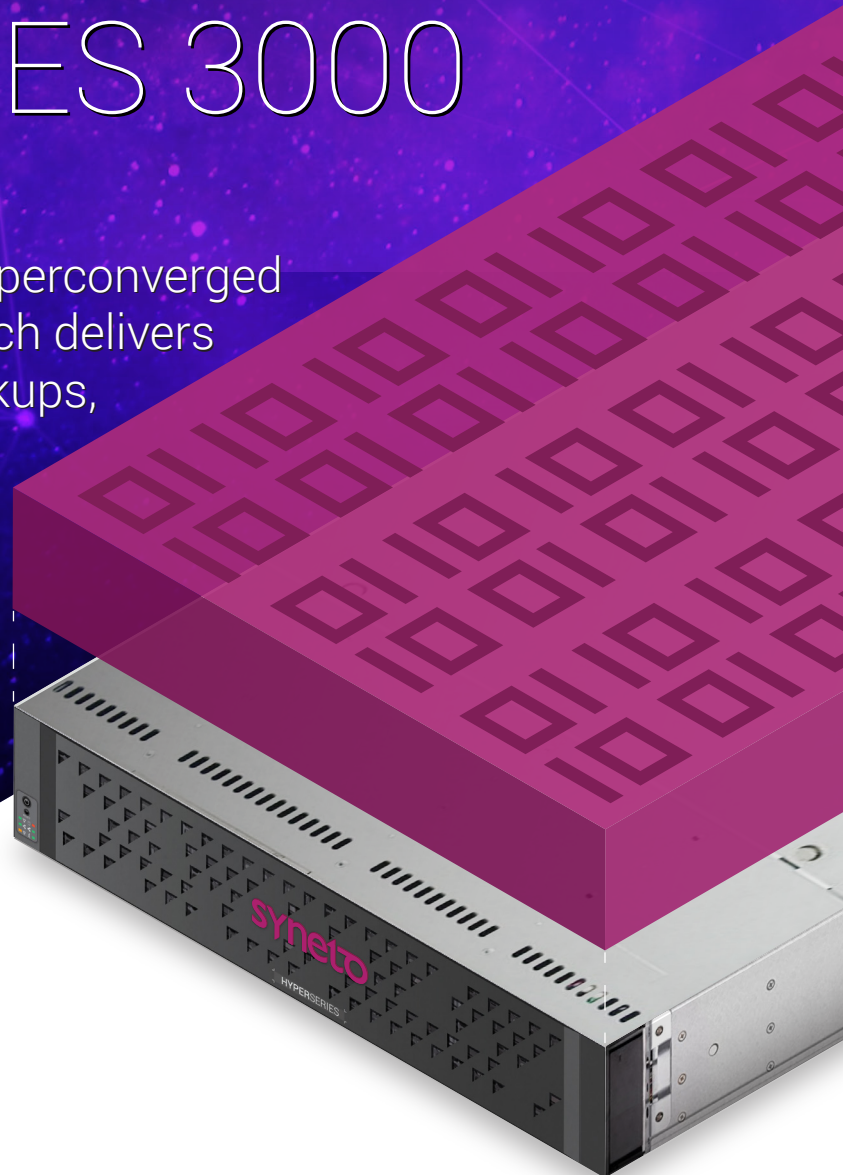# syneto

Simplify • Accelerate • Protect

DATASHEET
HYPERSERIES 3000

The **HYPER**SERIES 3000 is a hyperconverged data management platform which delivers virtualization, built-in native backups, instant restore and predictable Disaster Recovery in a simple, fast and secure plug-and-play appliance, powered by Syneto**OS**.
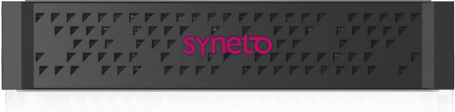
HYPERSERIES 3000, 2nd generation

www.syneto.eu

HYPERSERIES 3000   Technical Specifications

HYPERSeries (2nd generation) unit

Model	HSB-3100	HSB-3200
Compute options	**Single** Intel - Scalable CPU: 1. Silver 4110 [8 cores @ 2.1 GHz] 2. Silver 4114 [10 cores @ 2.2 GHz] *[upgradable to HSB-3200 model with the same CPU]*	**Dual** Intel - Scalable CPU: 1. Silver 4110 [8 cores @ 2.1 GHz] 2. Silver 4114 [10 cores @ 2.2 GHz] 3. Silver 4116 [12 cores @ 2.1 GHz] 4. Gold 5120 [14 cores @ 2.2 GHz]
Workload	Up to 25 VMs	Up to 50 VMs
Storage options	Hybrid: 9 x HDD [2, 4 or 6 TB]	Hybrid: 9 x HDD [2, 4 or 6 TB] Hybrid²: 5 x HDD [2, 4 or 6 TB] + 4 x SSD [960GB] All-flash: 10 x SSD [960GB]
Storage expansion	Up to 2 x Syneto Expansion Shelf (12 bays)	Up to 2 x Syneto Expansion Shelf (12 bays)
Memory	Up to 160GB (usable by VMs)	Up to 480GB (usable by VMs)
DRAM data cache	32GB - configurable	32GB - configurable
Read cache	1 x SSD (read-intensive)	1 x SSD (read-intensive)
Write acceleration	2 x SSD (write-intensive)	2 x SSD (write-intensive)

Chassis	2U rack-mountable, 12 bays + 2 OS disks (hot-swap)	2U rack-mountable, 12 bays + 2 OS disks (hot-swap)
Network connectivity	2 x 1GbE RJ45 + 1 x IPMI RJ45 Add-on: Dual-Port 10 GbE, SFP+ or BASE-T (RJ45)	2 x 1GbE RJ45 + 1 x IPMI RJ45 Add-on: Dual-Port 10 GbE, SFP+ or BASE-T (RJ45)
Power	2 x 920 W Redundant	2 x 920 W Redundant
Dimensions	Height: 89 mm, Width: 437 mm Depth: 648 mm	Height: 89 mm, Width: 437 mm Depth: 648 mm
Weight	24.95 kg (52 lbs)	24.95 kg (52 lbs)
AC input	100-240 V, 50-60 Hz, 6-3 Amp	100-240 V, 50-60 Hz, 6-3 Amp
Cooling	3400 BTU/hour (maximum)	3400 BTU/hour (maximum)
Temperature	5°C to 35°C (50°F to 95°F)	5°C to 35°C (50°F to 95°F)
Humidity	8% to 90% (non-condensing)	8% to 90% (non-condensing)