

Thank you for choosing Compuverde software-defined storage to address your storage needs. Before you start, please ensure that the following requirements are met:

Number of nodes 4 nodes minimum

Note: Erasure coding 2+1 requires 4 nodes (can lose one) and 2+2 requires 5 nodes (can lose two)

For each node: System requirements for your Compuverde storage cluster

Components	Minimum	Recommended
CPU	x64 (4 cores)	x64 (4+ cores)
RAM	12 GB	32+ GB
Boot disk	20 GB	60+ GB
Cache disk	20+ GB SSD	100+ GB SSD / NVMe (two or more)
Storage disk	SAS / SATA disks	SAS / SATA disks (multiple disks)
Network	1 x Gigabit NIC	2 x 10 Gigabit
Network switch	1 x Gigabit switch	2 x 10 Gigabit switches

Switches are configurable with IGMP (one switch IGMP Querier, all switches Snooping)

System requirements for the administrative client

Components	Minimum
OS	64-bit version Win 7 or later with .NET Framework 4.0 or later
Disk space	100 MB for installing the Management Tool

The administrative client (Management Tool) connects to the private or management network for maintenance only and is not a part of the storage solution or node-to-node communication.

For license validation, the administrative client needs to be connected to the internet. For firewall settings, see the Compuverde Quick Setup Guide.

RAID

Since performance and redundancy is built into the Compuverde storage solution, RAID is not required. RAID could still be used to strengthen the solution in the following way:

Cache drives: When not using SSD or NVMe, a RAID controller card would be useful due to the built in cache.

Storage drives: Normally, JBOD should be used, but single disk in RAID 0 volumes with RAID write-back feature enabled may improve disk performance.