

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

**Number of nodes**            4 nodes minimum

Note: Erasure coding 2+1 requires 3 or 4 nodes (can lose one) and 2+2 requires 4 or 5 nodes (can lose two and still available requires 5 nodes or more). 4 nodes is the recommended minimum.

### For each node: System requirements for your Compuverde storage cluster

Components	Minimum	Recommended
CPU	x64 (4 cores)	2 x Intel E5-2620 or similar
RAM	12 GB	32+ GB
Boot disk	20 GB	60+ GB
Cache disk	20+ GB SSD	100+ GB NVMe (one or more)
Storage disk	SAS / SATA disks	SAS / SATA (multiple disks)
Controller card	-	HBA (IT mode)
Network	1 x Gigabit NIC	2 x 10 Gigabit
<b>Network switch</b>	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

For SSD or NVMe cache, durability must be considered; enterprise class or similar.

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.