

Before you begin the installation of the Compuverde software-defined storage solution, please make sure that the following requirements are met.

For details, see the Compuverde Installation Guide.

Number of nodes 4 nodes minimum

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	Recommended	Note
CPU	x64 (4+ cores) with SSE 4.1	2 x Intel E5-2620 or similar
RAM	64+ GB	Minimum 32 GB
Boot disk	60+ GB	Minimum 20 GB
Cache disk	100+ GB NVMe (one or more)	SAS/SATA not recommended
Storage disk	SAS/SATA (multiple disks)	
Controller card	HBA (IT mode)	
Network	10/25/40 Gigabit	Minimum 2x physical networks
Network switch	10/25/40 Gigabit switches Switches are configurable with IGMP	Multiple switches for redundancy

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 durability, high endurance enterprise-grade NVMe SSD (DWPD > 9) should be used.

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.