

Hardware Compatibility List (HCL)

This document contains the hardware requirements for VoipNow. These apply to both single computer and distributed deployments.

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Get Help

If something is unclear or you need further assistance, do not hesitate to ask our Professional Services team in the [Support Zone](#) or ask a question in our [community](#).

Hardware requirements are strongly related to the expected number of users and utilization scenarios, like number of concurrent calls, codec usage etc.

Requirements

Generally, hardware nodes should be deployed having these requirements in mind:

- Intel Xeon or AMD Epyc compatible CPU. Minimum 12 cores, AES-NI instruction support is mandatory.
- 32 GB of RAM
- 480 GB storage system, SSD backed, fault-tolerant (database storage)
- 1 TB files storage (not necessary with cloud object storage)
- 1 Gbps networking

In case of virtualization, we highly recommend to not over-provision RAM and CPU and have at least 1/3 reservation.

The following partitioning scheme is recommended:

Partition	Space
/boot	1024 MB
/tmp	4096 MB
/	Minimum 300 GB
/data	Minimum 1 TB, not required with cloud object storage

OS Vendor HCL

The OS vendor recommends the following systems. For updated information, please check the [Red Hat Hardware Catalog](#).

Vendor	Model	Link
Cisco	UCS	http://www.cisco.com/c/en/us/products/servers-unified-computing/index.html
Hitachi	BladeSymphony	http://www.hitachi.co.jp/products/ bladesymphony_global/
Hitachi	Compute Blade	http://www.hds.com/products/compute-blade/
Dell	PowerEdge	http://www.dell.com/en-us/work/shop/category/servers
Fujitsu	Primergy Blade	http://www.fujitsu.com/global/products/computing/servers/primergy/blades/index.html
Fujitsu	Primergy Rack	http://www.fujitsu.com/global/products/computing/servers/primergy/rack/index.html
Intel	Intel Server Systems	https://www.intel.com/content/www/us/en/server-systems/intel-server-systems.html
NEC	Express	http://www.nec.com/en/global/prod/express/
Hewlett Packard	Proliant	http://www8.hp.com/us/en/products/servers/proliant-servers.html?compURI=1551682
Hewlett Packard	BladeSystem	http://www8.hp.com/us/en/products/servers/bladesystem/index.html
Oracle	Sun Blade	http://www.oracle.com/us/products/servers-storage/servers/blades/overview/index.html
Super Micro Computer	SuperServer	http://www.supermicro.com/products/system/
Super Micro Computer	SuperBlade	http://www.supermicro.com/products/SuperBlade/