

Table of Contents

Overview of our systems	2
DEEP-EST Modular Supercomputer	2
Cluster Module	2

Overview of our systems

This page is supposed to give a short overview on the available systems from a hardware point of view. All hardware can be reached through a login node via SSH: deep@fz-juelich.de. The login node is implemented as virtual machine hosted by the master nodes (in a failover mode). Please, see also information about [getting an account](#) and using the [batch system](#).

DEEP-EST Modular Supercomputer

The DEEP-EST system is a prototype of Modular Supercomputing Architecture (MSA) consisting of the following modules:

- Cluster Module
- Extreme Scale Booster
- Data Analytics Module

In addition to the previous compute modules, the Scalable Storage Service Module provides the shared storage infrastructure for the DEEP-EST prototype.

The modules are connected together by the Network Federation, composed by different types of interconnects and briefly described below.

Cluster Module

It is composed of 50 nodes with the following hardware specifications:

