

# Massiv Parallel Compute Cluster 4



Massiv Parallel Compute Cluster 4th generation Hardwarecomponents:

## 94 compute nodes

- 2x CPU Intel [E5-2650 v4](#) 2,2 GHz base frequency
- 128 GByte local meemory (RAM)
- local SSD 256 Gbyte capacity
- FDR infiniband interconnect

## 5 highmem nodes

- 2x CPU AMD [AMD EPYC 7601 32-Core](#) 2,2 GHz base frequency
- 2 TeraByte local memory (RAM)
- local SSD 256 Gbyte capacity
- FDR infiniband interconnect

## GPU nodes

- 2x [Supermicro A+ Server 4124GS-TNR](#): 2x AMD EPYC 7F52 16-Core, 512 GByte RAM, local NVMe
- 3x [Supermicro A+ Server 2124GQ-NART](#): 2x AMD EPYC 7F52 16-Core, 512 GByte RAM, local NVMe
- 2x [Gigabyte G492-ZD0](#)

## storage

- 500 Terabyte capacity
- [Beegfs Filesystem](#)
- 4 Objectserver & 1 Metadataserver
- FDR infiniband interconnect

From:

<https://www1.tu-ilmenu.de/hpcwiki/> - **hpcwiki**

Permanent link:

<https://www1.tu-ilmenu.de/hpcwiki/doku.php?id=mapacc4&rev=1647353831>

Last update: **2022/03/15 15:17**

