

TU Ilmenau - Computeserver History

SGI Origin 2000 (1996)

- 1 Computenode, 18 Cores (18 Sockets:), 9 GByte RAM

FSC Cluster (2001-2006)

- 20 Computenodes, 40 Cores (40 Sockets: 2 CPU AMD 1800+), 40 GByte RAM

SUN V 880 (2004-2010)

- 8 Computenodes, 8 Cores (8 Sockets: UltraSparc III: 1.2 GHz), 16 GByte RAM

FSC BX 600 (2004)

- 10 Computenodes, 20 Cores (20 Sockets: 2 CPU Xeon: 2.4 GHz), 40 GByte RAM

MaPaCC_1 (2006-2012)

- 32 Computenodes
- 128 Cores (64 Sockets: 2 CPU AMD Opteron 275 2,2 GHz:)
- 288 GByte RAM

MaPaCC_2 - (2010-2016)

100 Compute Nodes

- 24 GByte main memory
- 8 CPU cores , 2 sockets (Intel X 5550 2.67 GHz)
- 250 GByte harddisk
- network 1: gigabit 1 Gbit/s
- network 2: gigabit 1 Gbit/s
- network 3: management 100MBit/s

1 SMP Node

- 128 GByte main memory
- 48 CPU cores; 8 sockets (AMD Opteron™ 8431 2.4 GHz)
- 300 GByte harddisk (SATA RAID 0)
- network 1: gigabit 1 Gbit/s
- network 2: gigabit 1 Gbit/s
- network 3: management 100MBit/s

MaPaCC_3 - (2010-2017)

48 Compute Nodes

- 64 GByte main memory
- 32 Cores at 4 sockets (AMD OPTERON 6134 2.3GHz)
- 150 GByte local harddisk
- network 1-4: gigabit 1 Gbit/s
- network 5: infiniband 32 Gbit/s
- network 6: management 100MBit/s

2 SMP Nodes

- 128/256 GByte main memory
- 32 Cores at 4 sockets
- 150 GByte local harddisk
- network 1-4: gigabit 1 Gbit/s
- network 5: infiniband 32 Gbit/s
- network 6: management 100MBit/s

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