

Computers

bender.jpg

Bender

Hardware

- Motherboard SuperMicro H8QG6-F
- Chassis SuperMicro superchassis 748TQ-R1400BTOUR
- 32 cores, 4x AMD Opteron(tm) Processor 6128 (8 cores each) @2GHz.
 - L1 per core cache Instructions 64kB Data 64kB.
 - L2 per core 512kB.
 - L3 2x 6MB shared.
- 128GB, 16x8GB DDR3 @1333MHz ref BLS4CP8G3D1609DS1S00BEU.
- 7TB, 2x 3TB + 1x 1TB + 2x 256GB SSD (reserved for the OS).
 - /dev/sdd Seagate Barracuda 3TB ref "ST3000DM001", Part 1 mounted as /DATA1.
 - /dev/sde Seagate Constellation 3TB ref "ST3000NM0033", Part 1 mounted as /DATA2.
 - /dev/sdb OCZ Vertex 256GB ref "OCZ-VERTEX2 3.5"; Part 1 mounted as /.
- Geforce GTX260 for GPGPU or visualization.

Software

- Fedora Linux 17 64 bits
 - gcc 4.7.2
 - openMPI
 - local openMPI 1.5.4
 - ICC openMPI 1.6.5
 - openMP 3.0
 - icc & MKL 13.1.2.183 Build 20130514
 - IDL 8.2.3
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Flexo

Hardware

- Motherboard SuperMicro H8QG6-F
- Chassis SuperMicro superchassis 748TQ-R1400BTOUR
- 64 cores, 4x AMD Opteron(tm) Processor 6274 (16 cores each) @2.2GHz.
- 256GB, 32x8GB DDR3 @1333MHz.
- 15TB + 128GB SSD (reserved for the OS).
 - /dev/sde Samsung Evo SSD 120GB ref "Samsung SSD 840 EVO 120GB" Part 1 mounted as /.
 - /dev/mapper/ddf1_DATA2 4x Hitachi Deskstar 4TB in Raid 0 mounted as /home.
- Geforce GTX760 with 4GB of RAM for GPGPU.

Software

- Fedora Linux 19 64 bits
 - gcc 4.8.2
 - openMPI 1.6.5(default based on icc)
 - openMP
 - icc 13.1.2 & MKL
 - Matlab 2013a and all general purpose libraries
 - CUDA5.5
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Jakolass

Hardware

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- 256GB, 32x8GB DDR3 @1333MHz.
- 15TB + 128GB SSD (reserved for the OS).

Software

- Fedora Linux 19 64 bits
- gcc 4.8.2
- openMPI 1.7.3(default based on icc)
- openMP
- icc 13.1.2 & MKL
- Matlab 2013a

Files

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