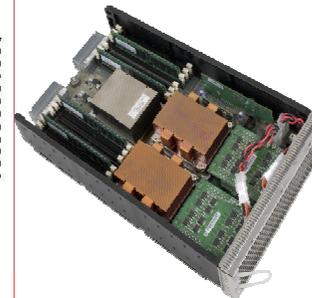
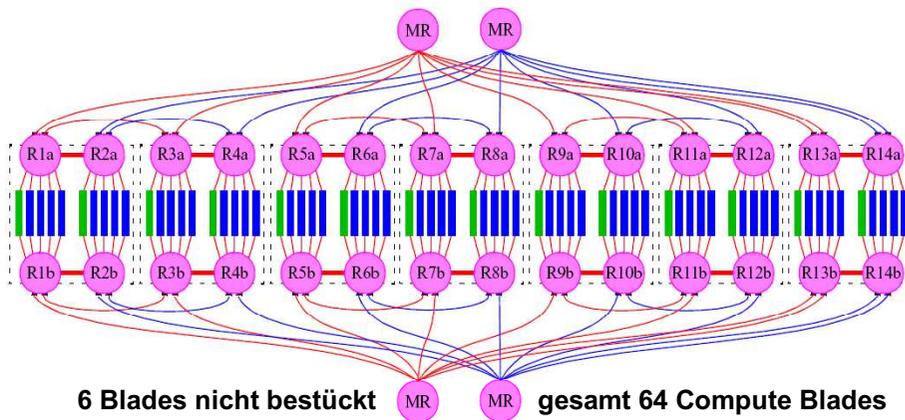


SGI Altix 4700 Supercomputer

- **Rechnerarchitektur** SGI Altix 4700 shared Memory/cc-numa Architektur
- **Prozessortyp** Intel Itanium 2 / 9040 (Montecito)
IA64, 1.6GHz / 18MB Cache
- **Prozessoranzahl, Speicher** 128 (256 Cores), 1 TB shared Memory (max. 8 TB)
- **Betriebssystem** Linux – Suse SLES 10 mit SGI ProPack 5

- **Prozessorleistung**
 - gesamt Peak = 1,6 TFlops
 - Spec_2000_FP = 3001,
 - Spec_2006_FP = 15,4
 - Spec_2000_FP Rate = ~4800,
 - Spec_2006_FP Rate = ~2720
 - Stream = 326 GByte/s, Linpack-100 = 1,7 GFlops
 - Linpack NxN = 1489 GFlops

- **Memory-Bandbreite** 684 GB / s
- **Bisection-Bandbreite** 115 GB / s



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6 Blades nicht bestückt MR MR gesamt 64 Compute Blades