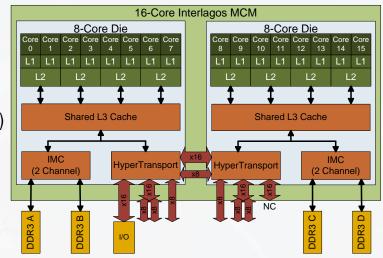
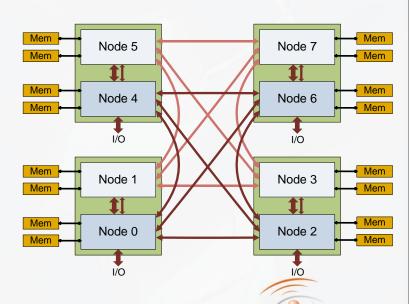
## 4 Sockel AMD Opteron 6274 Knoten

- 16 Kerne pro Sockel
  - 2,2 GHz (Turbo bis 2,5 GHz)
  - Dualcore Module
    - 2 Integer Kerne, eine FPU, 2 MiB L2 (shared)
    - CPUs (0,1);(2,3);(4,5); ... jeweils ein Modul
- 2 Chips pro Sockel
  - Je 8 Kerne (4 Module) und 6 MiB L3
  - Verbunden über HyperTransport
  - 8 NUMA Nodes in 4 Sockel System
    - Node0: CPU 0-7, Node1: CPU 8-15,
      Node2: CPU 16-23, Node3: CPU 24-31,
      Node4: CPU 32-39, Node5: CPU 40-47,
      Node6: CPU 48-55, Node7: CPU 56-63
    - Nicht voll vernetzt
- 64, 128, 256 oder 512 GiB Speicher
  - 4 Speicherkanäle pro Sockel





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