



Processor

- Dual G34 (LGA1944) sockets
- Support AMD Opteron™ 6000 series processors (**Magny-Cours/ 8-12 cores**)
- Support HyperTransport™ 3.0 inter-processor link up to 25.6GB/s bandwidth @ 6.4GT/s

Chipset

- AMD (2) SR5690 + SP5100

Memory

- **Quad. memory channels** per CPU
- **(12+12) DDR-III** DIMM slots
- Supporting up to **192GB** R-DDR3-1333/1066/800 memory

PCI Expansion Slots

- **(4) PCI-E Gen.2 x16** slots
- (2) PCI-E Gen.2 x8 slots
- (1) PCI 32/33MHz slot

Network

- **(4) GbE** ports (Intel® 2x 82576EB)

Storage

- (6) SATA-II ports w/ RAID 0/1/10/5 support (3rd party RAID stack)
- (8) SAS **6G** ports w/ RAID 0/1/1E/10 support (**LSI SAS2008**)

VGA & IPMI 2.0

- ASPEED AST2050 **iBMC**
- IPMI v2.0 compliant w/ **iKVM**

(Opt.) Audio/ IEEE1394/ TPM

Form Factor

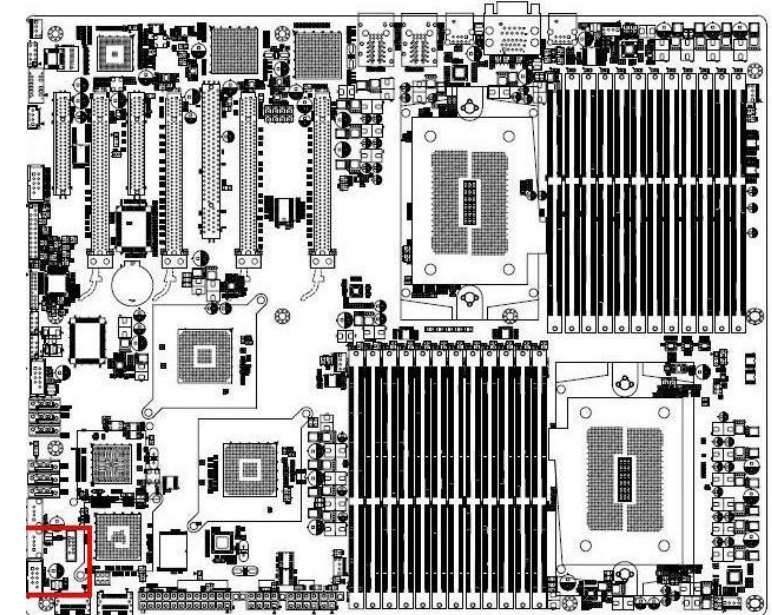
- MEB (16" x 13")

Target Applications

- Best solution for GPGPU applications (support up to (4) double-deck, full-sized graphic cards)
- Virtual machine
- Search engine
- HPC computing cluster
- Video streaming server

Recommended TYAN Chassis

- TYAN FT48 (4U/ (8) 3.5" hot-swap HDDs/ **RPSU**)



Preliminary spec. only. Subject to change without notice!