KFN4-DRE
Most Valuable Dual Opteron™ HPC Platform

KFN4-DRE is based on AMD's latest socket F platform, featured with 2 next-generation Quad-Core/Dual-Core AMD Opteron™ 2000 series processors (socket 1207) and nVIDIA® nForce Professional 2200 chipset, which can provide immediate performance upgrade. The 8 memory slots support dual channel ECC Reg. DDR2 667 up to 32GB for mission critical application, and DDR2 667 provides better performance over last generation Opteron™ DDR400 platform.

Practical Expansion for Versatile Use
There are 4 expansion slots in KFN4-DRE, including: one PCI-E x16 to provide more head room to scale up the I/O performance; one HTX slot to support an add-on card interface that connects to other nodes in the cluster via a direct link to CPU; one 32bit/33MHz PCI and one SO-DIMM socket for optional ASUS ASMB3 management card for remote offline serviceability; users therefore have flexibility to choose on their own demands;

Optimized Placement for 1U Rack Applications
CPU is right in the center of serverboard for system fans to blow directly; Streamline DIMM slots enables smoother air flow inside chassis; PSU & IDE connector are located at the border to avoid unnecessary air block caused by cables;

Dual Server-class PCI-E GbE LAN
Dual server class PCI-Express GbE LAN is most available and professional network connection solution now, and the "teaming" and "failover" functions facilitate the higher bandwidth and more reliable networking.

12" x 13" EATX
SSI EEB 3.61 Footprint Compliant

2 * GbE LAN Port

nVIDIA nForce Professional 2200

1 * 32bit / 33MHz PCI

2 * ATA133

1 * HTX

1 * PCI-E x 16

4 * 300Mb/s SATAII support RAID 0, 1, 10, 5 JBOD(windows)

2 socket 1207 support 1~2 Quad-Core/Dual-Core AMD Opteron™ 2000 series processors

8-DIMM Slots support 512MB ~ 32GB DDR2 667 Reg. ECC