ATCA Blade Includes Dual Intel Xeon Processor E5-2648L and AMC Bay

ADLINK Technology announced availability of the aTCA-6200, a next-generation AdvancedTCA (ATCA) processor blade with flexible expansion capabilities. The blade features two 1.8 GHz eight-core Intel Xeon processors E5-2648L, the Intel C604 chipset, DDR3-1600 memory up to 128 GB, and a PICMG mid-size AMC bay. On-card connectivity includes dual 10GBASE-KX4 Fabric Interfaces, dual GbE Base Interfaces, dual front panel GbE egress ports, CFast socket, and quad SAS channels, which provide desirable network performance and storage capabilities. The aTCA-6200 is appropriate for carrier-grade applications such as media servers in IPTV, IP Multimedia Subsystem (IMS) broadband networks, and wireless infrastructures, providing telecom equipment manufacturers (TEMs) and network equipment providers (NEPs) with a flexible solution for mission-critical applications and a reliable, smooth path for scalability and expansion.

ADLINK’s new aTCA-6200 provides high-speed data-transfer on the PICMG 3.1 Fabric Interface enabled by an Intel 82599EB 10GbE Ethernet controller and Base Interface connectivity provided by Intel 82576EB Gigabit Ethernet controllers. Versatile storage support includes four channels of SAS RAID 0/1, onboard bootable CFast socket, onboard 2.5” SATA drive space, and modular Fabric riser card for additional PICMG Fabric Interface protocols. The mid-size AMC bay supports AMC.1 PCI Express and Advanced Switching, AMC.2 Gigabit Ethernet and AMC.3 SATA/SAS storage expansion. I/O features of the aTCA-6200 include Base Interface channels, Fabric Interface channels and front/rear egress ports. Front panel I/O includes two RJ-45 GbE ports, three USB 2.0 ports, an RJ-45 to DB-9 standard serial port and a DB-15 connector for analog graphics output.

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