

## Continuous Computing

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### 10GbE Packet ATCA Boards

#### FlexPacket™ ATCA-PP50

Deep Packet Inspection (DPI) capabilities support advanced content-aware routing, traffic management, and security functions required by multi-service IP networks. The ATCA-PP50 is engineered to meet the application needs of IP-TV, 3G LTE aggregation gateways, and security platforms.

#### FlexCompute™ ATCA-XE50

First Dual AdvancedTCA Intel quad-core processor compute blade provides the flexibility for customizing 10 GbE-based systems that power the delivery of video and data content in IPTV networks, security, wireless core, and IMS-based broadband solutions.

#### FlexCore™ ATCA-FM40

The FM40 is a 10 GbE base/fabric switch that eliminates oversubscription and traffic congestion typical in carrier-grade wireless and IMS networks by balancing the uplink ports with the backplane fabric and offering the added benefit of low latency Layer 2 switching that supports advanced traffic management capabilities.



### FEATURES

- ✦ **FlexPacket ATCA-PP50** Dual 1 GHz RMI XLR732 multi-core MIPS64 packet processor. Eight multi-threaded cores per XLR improves code efficiency and development. Internal fast messaging network improves core efficiency and reduces latency. Integrated 10 Gbps security acceleration engine to maximize security performance. Mezzanines for TCAM or specialized off-load engines (including dedicated user-specific ASIC/FPGA).
- ✦ **FlexCompute ATCA-XE50** Quad Core Intel Low Voltage Xeon. Single and dual processor configurations. Intel Extended Memory 64 Technology (EM64T). 1066/1333 MT/s FSB processor bus. 16 MB L2 cache. 48 GB memory using six Mini-DIMM sockets.
- ✦ **FlexCore ATCA-FM40** 16-slot 10 GbE (PICMG 3.1 option 9) fabric switch. 16-slot 10/100/1000-BT base switch. Eight external 10 GbE fabric ports in the front or rear. SFP/SFP+ modules provide pay-as-you-go flexibility. Integrated switch management and Layer 2 switching. Dual ShMC interface supported. Many optional features.