

Features

- 15 Channel, 1 Port full-mesh fabric interface
- Dual IPMI management interfaces
- Base Interface
- Shelf management port
- Headers for application specific Personality Modules
- Management firmware running on PowerPC processor
- Linux based control plane software

Description

The Praesum ATCA Full-Mesh Line Card provides a baseline implementation of a PICMG 3.0 Full-Mesh line card. It includes a Virtex-4[™] FPGA that implements both the fabric interface, and a management subsystem.

Figure 1 shows a functional block diagram of the card.

Figure 1 Full-Mesh Line Card Block Diagram

