

RadiSys Corporation

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www.radisys.com**Promentum MPCBL0050**

The RadiSys® MPCBL0050 is a single board computer (SBC) that features the Dual Core Intel® Xeon® processor LV 5138 and combines Intel® 64 Technology+ (Intel® 64) with dual core, dual processing capabilities for a total of four processor cores on a single platform.

The Promentum MPCBL0050 also supports an AMC and hard drive on the RTM. This fifth-generation design achieves significant performance improvements for compute-intensive and database-access applications including IP Multimedia Subsystems (IMS), wireless control plane, and IPTV.

The MPCBL0050 SBC is optimized to support first-generation AdvancedTCA chassis that limit front-board power to less than 200 W. It also interoperates with AdvancedTCA products from RadiSys Corporation and with third-party building blocks meeting the PICMG 3.0 specification.

**FEATURES**

- ✦ High performance Intel® based AdvancedTCA® blade based on the Dual-Core Intel Xeon LV5218 process that provides 4 processor cores
- ✦ Supports Solaris 10 – in certification testing at SUN
- ✦ Superior subsystem scalability and density (subscribers/ transactions per board), supporting the maximum number of network elements in an AdvancedTCA chassis
- ✦ Support both the RadiSys MPRTM0040 and MPRTM0050, which provides a choice of cost effective storage and limited connectivity, versus a full feature RTM with Fibre Channel and 4x GbE connectors
- ✦ Supports a variety of Operating Systems including MontaVista Linux Carrier Grade Edition (CGE) 4.0; Validated with RHEL 4u4 and RHEL 5
- ✦ This fifth-generation design achieves significant performance improvements for compute-intensive and database-access applications including IP Multimedia Subsystems (IMS), wireless control plane, and IPTV