MicroTCA Chassis

TTM’s MicroTCA based chassis family includes configurations for single-, double-, and quad-width AMC slots. These flexible cost-effective designs are supported by our world-wide PCB fabrication and assembly facilities.

High performance backplanes can support up to 12 AMCs, single or dual MCH and PSUs, and single or redundant cooling-unit interconnect.

All of the baseline chassis and backplane products are easily modified to meet customer specific applications.

Unique product features include 100 percent cost-effective sheetmetal construction, slot ESD clips, and plug-and-play slot adapters for single-width cards used in double-width chassis.

For more information, contact: microTCA@ttmtech.com

Power management/Entry Modules

CorEdge Networks’ CEN-MPWR™ is a high current density, hot-swappable, and intelligent MicroTCA Power Module (PM). It accepts and conditions system input power, converts it to the appropriate levels, and radially feeds the power to MicroTCA shelf elements with channel-by-channel power control. The CEN-MPWR™ provides management and payload power for up to twelve Advanced Mezzanine Cards (AMCs), two Cooling Units (CUs), and two MicroTCA Carrier Hubs (MCH).

The flexible and efficient architecture of the CEN-MPWR™ enables multiple input power options at high current densities (up to 50 amps) in a 6HP form factor. It is an ideal solution for any type of MicroTCA application including 3G wireless equipment, WiMAX base stations, embedded computing systems, and more.

For more information, contact: sales@coredgenetworks.com