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# COREDGE NETWORKS INTRODUCES INDUSTRY'S FIRST 12 VOLT / 600 WATT MICROTCA IPMI COMPLIANT POWER MODULE

## *Ideal for a variety of low cost or ruggedized military applications*

**Boston, MA June 19, 2007** – At the NXTComm show in Chicago Il from June 19-21, 2007 (booth 4257N), CorEdge Networks will be demonstrating the industry's first MicroTCA IPMI compliant 12V DC, 600W MicroTCA Power Module (CEN-MPWR-1260)

The 12V DC input is the most cost- and space-efficient MicroTCA power module. The 12V DC input PM also has the added advantage of being the easiest to cool using forced air or conduction cooled frames, making it ideal for ruggedized applications. With a 600W output, the CorEdge 12V PM has the highest output available of any MicroTCA-compliant PM to support the most power hungry applications.

The CEN-MPWR-1260 is a variation of CorEdge's industry leading MicroTCA -48V PM (CEN-MPWR-4840). Both the CEN-MPWR-1260 and CEN-MPWR-4840 share the same channel-by-channel output power switching control and IPMI Power Module Enhanced Management Module Controller (PM-EMMC). The CorEdge PM-EMMC has been verified at the largest number of open interoperability workshops.

"The 12V PM is a good choice for certain low cost and some ruggedized applications," said Will Chu, President of CorEdge Networks and Power Module section author of the PICMG Rugged MicroTCA specification. "Because CorEdge Networks had already produced a MicroTCA IPMI-compliant 12V PM, the PICMG Rugged MicroTCA Subcommittee requested that we author parts of the upcoming Rugged MicroTCA specification. By augmenting the existing MTCA.0 specification with a 12V PM that can be ruggedized, MicroTCA systems will address the needs of more customers."

The CEN-MPWR-1260 uses a single D-subminiature 5W5 input connector and a MicroTCA-compliant PM output connector and is sampling now. CorEdge Networks also plans to introduce dual input 12VDC, 24VDC and AC versions of its power module in the second half of 2007.


CEN-MPWR-1260

**About CorEdge Networks**

CorEdge Networks is a leading supplier of ATCA/MicroTCA/AMC/IPMI compliant infrastructure products including the industry's first MicroTCA Carrier Hub (MCH), 10GbE MCH, MicroTCA Power Module, PicoTCA development platform, 10Gbps and 20Gbps FPGA-based AMCs and full ATCA Cutaway Carrier. CorEdge Networks customers include a number of leading telecom, military and embedded systems companies. Most MicroTCA working deployments use one or more CorEdge Networks components. For more detailed information on CorEdge Networks, see www.coredgenetworks.com.

**CorEdge Networks MicroTCA Products**

CorEdge Networks' MicroTCA product line includes boards as well as test/development systems. At the board level, CorEdge Networks produces the industry's only standards-compliant *MicroTCA Carrier Hub (MCH),* which provides management of a MicroTCA chassis and up to 12 AMCs, and supports various networking and clocking functions. The CorEdge Networks MCH currently supports one of three different *clock modules* that enable Telco, PCI-Express or GPS/WiMAX applications. *Fabric MCH modules* will

support 10GbE, PCI-Express or SerialRapidIO 'fat pipe' switching. The MCH interoperates seamlessly with CorEdge's *Power Module*, which provides MicroTCA power management/distribution.

To support MicroTCA system developers, CorEdge Networks has produced the industry's only series of ultra-small form-factor *PicoTCA* systems. The *CEN-PICO-1US* is a complete "standalone" AMC and MicroTCA Test and Development System that provides engineers and system designers with a cost-effective tool to aid in the development, design, debug and test of AMC and MicroTCA systems. It includes a System/Power Controller that enables users to quickly "bring up" AMCs in a MicroTCA-like environment to facilitate AMC development. The Pico 1US is extremely compact, measuring 13.0" (w) x 8.0" (d) x 1.75" (h) [1U].

CorEdge Networks' PicoTCA chassis are stackable up to 4U while sharing a unified management and power system. For engineers needing greater access to functions in the testing of an individual AMC, an engineering test version with a Rear Transition Module is available. A 19" rack-mountable system that supports additional AMC modules will be available later this year.