

Emerson Network Power

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**MicroTCA EMC6000 Series**

The MicroTCA (Micro Telecommunications Computing Architecture) is a standard, open architecture shelf specification for low-cost, small-form-factor, field-replaceable chassis utilizing hot-swappable AdvancedMC mezzanine cards. Developed by the PCI Industrial Computer Manufacturers Group (PICMG), MicroTCA targets central office, outside plant, last-mile access, and Customer Premises Equipment applications with tight cost and size constraints. Emerson's MicroTCA Communication and Computing Platform EMC6000 and EMC6200 give customers multiple options to deploy their applications.

EMC6000 is a 6U 19" rack mount chassis supporting up to 12 Single or Double, Compact or Full AdvancedMC modules. EMC6000 is an ideal platform for applications requiring a mixture of Double and Single modules such as GPON or WiMAX applications. EMC6200 is a 6U 19" rack mount chassis with two independent tiers. Each tier supports a combination of 12 Single, Compact, or Full AdvancedMC modules. EMC6200 gives customers a high density option and preserves valuable rack space.

The EMC6000 and the EMC6200 are equipped with a MicroTCA Carrier Hub (MCH) with each MCH supporting up to 12 AdvancedMC modules, a cooling unit, and a 600 W 48 V DC power management module (per tier).

Emerson's optional SpiderWareM3 Shelf Management Edition software is available to shorten the learning curve and accelerate application development. SpiderWareM3 features an intuitive Java based GUI that makes it easy to monitor key physical system characteristics such as power and module status. SpiderWareM3 also simplifies integration with existing applications by providing a standard SAF (Service Availability Forum) Hardware Platform Interface (HPI). SpiderWareM3 runs on an optional Emerson KosaiPM, a Pentium M processor AdvancedMC, or on any remote server.

**FEATURES**

- > 6U 19" rack mount chassis
- > EMC6000: a single tier supporting up to 12 Single or Double, Compact or Full AdvancedMC modules
- > EMC6200: two tiers supporting up to 24 Single, Compact, or Full AdvancedMC modules
- > Layer 2 GbE MicroTCA Carrier Hub (MCH) with dual front panel 10/100/1000 Ethernet ports
- > IPMI management for power and AdvancedMC modules
- > 48 V DC 600 W power management module per tier
- > Optional SpiderWareM3 Shelf Management edition software
- > TL-9000 and ISO 9001 :2000 certified quality management system (FM 26789)