



The EDGE2000 is a two slot MicroTCA compliant platform that can support one or two single-width, full size, Advanced Mezzanine Cards (AMC's). TheEDGE2000 is ideally suited for space constrained environments and the Enterprise. Maintaining all the value that MicroTCA specifies, the EDGE2000 is a price aggressive offering that has the following attributes:

- **MicroTCA compliance**
- **High Availability Design**
- **Slot to slot PCI-Express® connectivity**
- **GigE internal switching**
- **Slot to slot SATA/SAS connectivity**
- **Management bus messaging control (IPMI)**

Additional Capabilities:

- **Thermal Management – Cooling Unit (CU) Integration**
- **MicroTCA Carrier Hub (MCH) Integration**
- **Power Module (PM) Integration**
- **Support for Full size and Mid size AMC's**
- **Support for one or two AMC's**
- **Power sourcing for two – forty watt AMC's**

Technical Specifications

MicroTCA Compliance

- Fully compliant with:
 - MicroTCA.0
 - AMC.0
 - AMC.1
 - AMC.2
 - AMC.3

Integrated Central Processor

- Provides IPMI messaging support and MCH lane management
- Fit into Element Management System with IP

Power

- AC Power Brick
 - Input
 - 110/220VAC
 - 50 to 60 Hz
 - Output
 - 19VDC, 120W
- Enclosure
 - 12-24VDC
 - Up to 120W
 - Up to 40W per slot payload

Status Indications

- LED status
 - Slot activity
 - Ethernet activity

Command Line Interface

- Serial port interface for local management / configuration

Simple Network Management Interface (SNMP)

- Remote management / configuration via IP
- Remote Management Control Protocol (RMCP)

High Speed Access

- GigE Uplink port
- Internal GigE switching
- Connectivity via port 0 of each slot

EMI / Grounding

- Easy ground access point

Applications

- Designed for use in:
 - Enterprise
 - Commercial / Corporate
 - Telecommunications
 - Military
 - Aerospace
 - Defense

Mechanical

- Weight - 2 lbs
- Height - 71mm (2.8")
- Depth - 188mm (7.4")
- Width - 95mm (3.75")

Environmental

- Operating Temperature Range
 - 5C to 55C
- Relative Humidity 5 – 90% non-condensing
- Storage Temperature Range
 - -40C to 74C

Regulatory

- Safety
 - CE Certification
 - UL/cUL 60950
 - EN/IEC 60950
- Emissions
 - FCC Class A
 - EN-61000-3-x
 - EN-61000-4-x