

# 686 SERIES



## 686 | Series | MicroTCA Starter Kit

**SIE Computing Solutions 6862 1U MicroTCA** Development System provides AMC and system developers with a convenient, low cost method for the design, debugging and testing of AMC and MicroTCA systems.

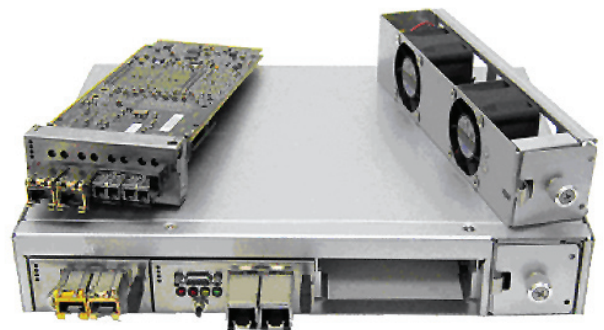
The CGCS 6862000 is a complete AMC and MicroTCA Development System that provides engineers and system designers with a cost effective tool to aid in the design, development and test of AMCs and MicroTCA Systems.

The System Manager contained within the 6862 Series provides MCH (MicroTCA Carrier Hub)-like features to enable users to quickly “bring up” user-supplied AMCs in an MicroTCA environment and to begin development. The cost effective system manager provides and embedded AMC/ATCA-compliant IPMI Controller to support up to two user-supplied AMCs, along with providing a JTAG header interfaces to both AMC slots. The System manager also contains an integrated power converter that provides the proper power to the AMC.

The 6862 Series contains a MicroTCA backplane that supports two single wide, full height or extended full height AMCs, along with a System Manager/power converter slot.

The backplane within the 6862 Series has cross-connected base channel, fabric and extended fabric connectivity, eliminating the need for a switch (AMC Port 0 through Port 20) with MicroTCA B+ vertical connector support. Backplane supports AMC.0, AMC.1, AMC.2, AMC.3 and AMC.4 specifications.

To complete this development system, it is packaged in a 1U high bench top chassis that has an integrated air filter, fan and fan tray, along with an external 100-240VAC to 48VDC power supply included.



### Features and Benefits

- 1.75" (1U)H x 10.3" W x 7.7" D
- MicroTCA Backplane supports AMC.0, AMC.1, AMC.2, AMC.3, AMC.4 specifications
- IPMI System Manager creates a MicroTCA-like MCH environment
- Integrated air filter, fan and front replaceable fan tray
- External 100-240VAC to 48.0VDC power supply included
- Utilizes CorEdge Networks technology

Specifications subject to change without notice.  
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