

AMC LOAD BOARD



FEATURES

- Compliant to MicroTCA.0 specification
- Compliant to PICMG AMC.0: Advanced Mezzanine Card Specification R1.0
- AdvancedMC load board with IPMI support
- Single module, full size
- Configurable load by:
 - IPMI commands
 - Selectable button on front panel
 - Incorporates JTAG interface
- Dynamic, configurable load
- Redundant operation with automatic switchover
- On-board temperature sensors

DESCRIPTION

AdvancedMC™ load board dedicated for testing the cooling and power of MicroTCA systems. Single module/full size is standard with options for double modules and compact or mid sizes. The board is hot swap pluggable and has IPMI support. The load is configurable in to seven wattages: 0W, 20W, 30W, 40W, 50W, 60W and 70W. Six LEDs on the front panel indicate which power level is activated. If all LEDs are off, the power is 0W. Custom wattages and access management is available upon request.

The power level is changed by repeatedly pressing the front panel button, cycling through all power levels. Also, the power is controlled using IPMI commands (Set_FRU_LED_State / Get_FRU_LED_State) allowing each level to be controlled independently. The blink mode is also supported to set a dynamic load. Whenever the button on the front panel is pressed the local control mode is activated and all previous load settings are lost. The load board has 3 temperature sensors; one on the bottom and two on the top. These are implemented as IPMI temperature sensors and could be read through the MicroTCA Carrier Hub (MCH).

ORDER INFORMATION

Part Name	Description	Part Number
AMC Load Board	single module, full-size	1940000314-0000