



LYNX™ LOAD MODULE ADVANCED MEZZANINE CARD

MicroBlade Lynx Load Module is essential for testing, prototyping, and verifying designs. Lynx's adjustable power from 0 to 100 Watts simulates a power load of an AdvancedMC (AMC) module enabling system designers to better understand a MicroTCA system under various operating conditions. Lynx gives users the flexibility to control the power either remotely via IPMB-L interface or locally with the front panel USB port. In addition, the USB port doubles as a diagnostic interface. Front panel power lever provides another method to adjust power load.

Features at a glance:

- > Adjustable power 0 – 100 Watts in Mid or Full AMC form factor
- > Adjustable power 0 – 40 Watts in Compact AMC form factor
- > Hot swappable
- > Front panel LED power indicator
- > Front panel power lever
- > Front panel USB port

MICROBLADE®

MicroBlade™

www.microblade.us

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FEATURE DETAILS

- > 0 – 100 Watts for Mid or Full AMC form factor
- > 0 – 40 Watts for Compact form factor
- > Programmable Load Module
 - Configurable Power with 1W Increments
 - Front Panel Increase /Decrease Control
 - Fine Grain Power Control in ½ Watt Increments
 - LED Bar Graph Indicator
 - USB Controllable Load
 - Future IPMI Controllable Load
- > Thermal Design
 - Low Resistance to Airflow
 - Inlet Air Temperature sensor
 - Hot Part Temperature sensor
 - 19% max Component Cross-sectional Area
 - Load Resistor lay-out provides enhanced heat transfer
 - 10°C temperature rise w 17 CFM & 100W
 - 70°C operation with reduced MTBF
- > Hot-Swappable
- > Precision Control
 - Current Measurement
 - Voltage Measurement
 - Power product is regulated

OPTIONS

- > PICMG® AMC.0 R2.0
- > PICMG® AMC.3 R1.0

SPECIFICATIONS

MB Linx	-	-
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Compact Size	- C	configured with 24 Watt maximum
Mid-Size	- M	configured with 30 Watts maximum
Full-Size	- F	configured with 48 Watts maximum



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