

*Overview:*

The VRM-NATIVE-Lx is a MicroTCA System Platform, 19" x 5U x 200mm. MicroTCA is a platform for telecommunication and enterprise computer network equipment. MicroTCA is complementary to PICMG3.0 ATCA. Where AdvancedTCA is optimized for very high capacity and high performance applications, MicroTCA is designed to address cost sensitive and physically smaller applications with lower capacity, performance, and perhaps less stringent availability requirements.

*Features:*

**SUBRACK:**

- Full redundancy provided by 2 x MCH (MicroTCA carrier hub), two cooling units and two power modules
- Up to 12 AMC, 8 full size and 4 compact size modules
- Components are hot-swappable and controlled via IPMI
- Up to 20 temperature sensors applicable

**BACKPLANE:**

- Full redundancy: up to 2 MCHs, Up to 2 power modules and 2 cooling units
- Dual star topology
- Assembly option for telecom or non-telecom clock network
- High-speed routing on 20 layers
- High-speed FCI connectors
- Redundant FRU information devices and carrier locators.

**COOLING UNITS:**

- 2 redundant cooling units
- Hot-swap support
- IPMI monitoring and control
- NMB 3108NL-04W-B59-P50 fans — high performance, PWM controlled.

