



Overview:

The VRM-NATIVE-SX is a MicroTCA Development System Platform. Its backplane has single star topology and it is optimized with High-speed routing. It support 1 MCH Single Module - Full Size, 2 AMC Full-Size AMC cards and 3 Mid-size AMC cards.

Features:

System Platform:

- MicroTCA Development System Platform
- Support for MCH Single Module - Full Size
- IPMI Power Distribution Module integrated on the backplane supplied by pluggable AC PSU 300W, 12V output
- AC switchable Power supply:
 Input: 100VAC—240VAC 4A-2A 50-60Hz Output: 12VDC@25A and 12VDC@0.7A for standby.
- Cooling Unit with IPMI support on backplane
- Direct S-ATA / SAS connections
- Full compatibility with management section of MicroTCA specification
- Optional connection AMC1 to AMC3

Backplane:

- Single star topology
- Optimized High-Speed routing
- High-speed uTCA connector
- Support of all FRU (Field Replaceable Unit) functions

Cooling Unit:

- Integrated Cooling Unit
- IPMI monitoring and control



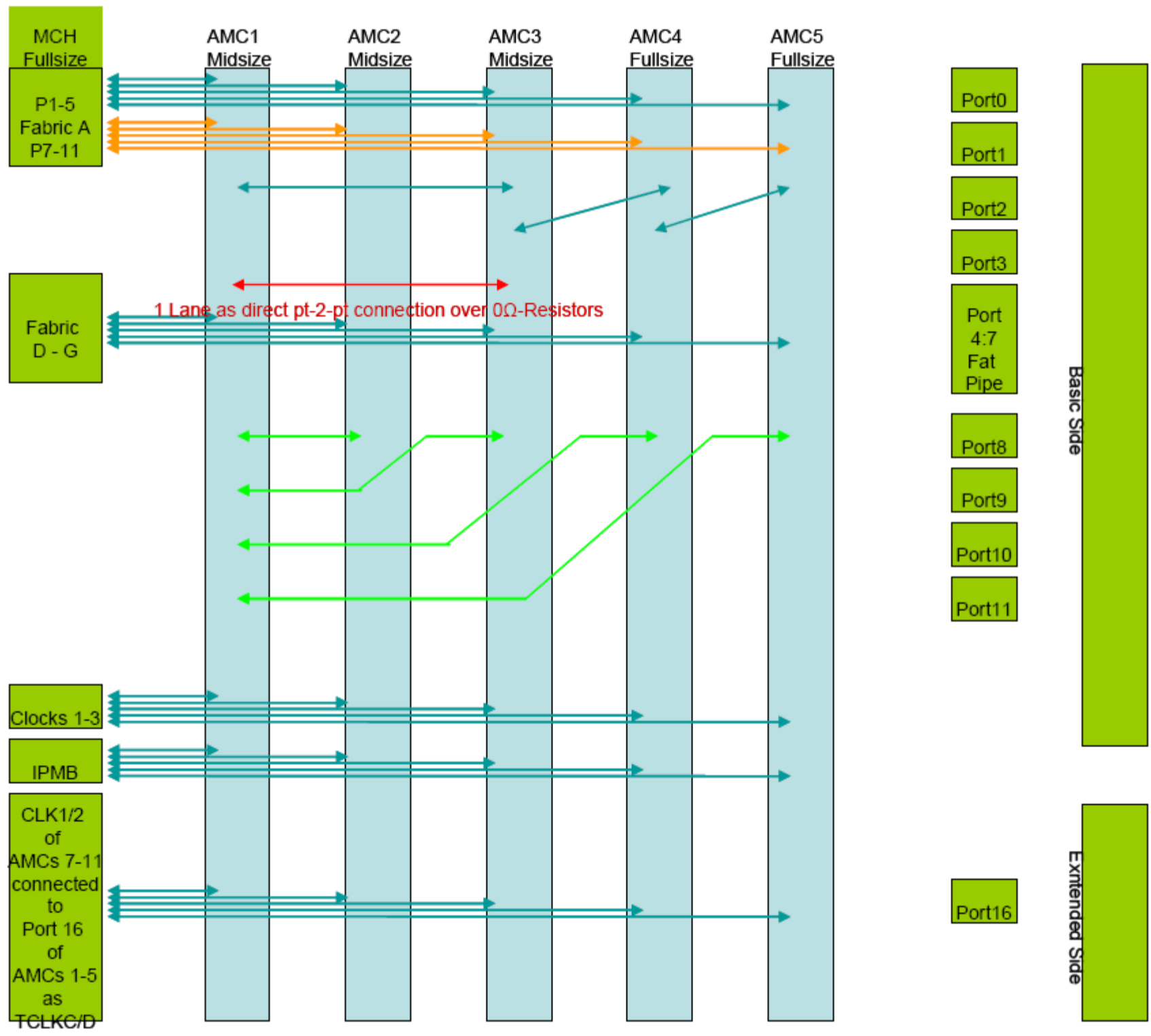


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VRM-NATIVE-SX

Product Datasheet

Backplane Layout:



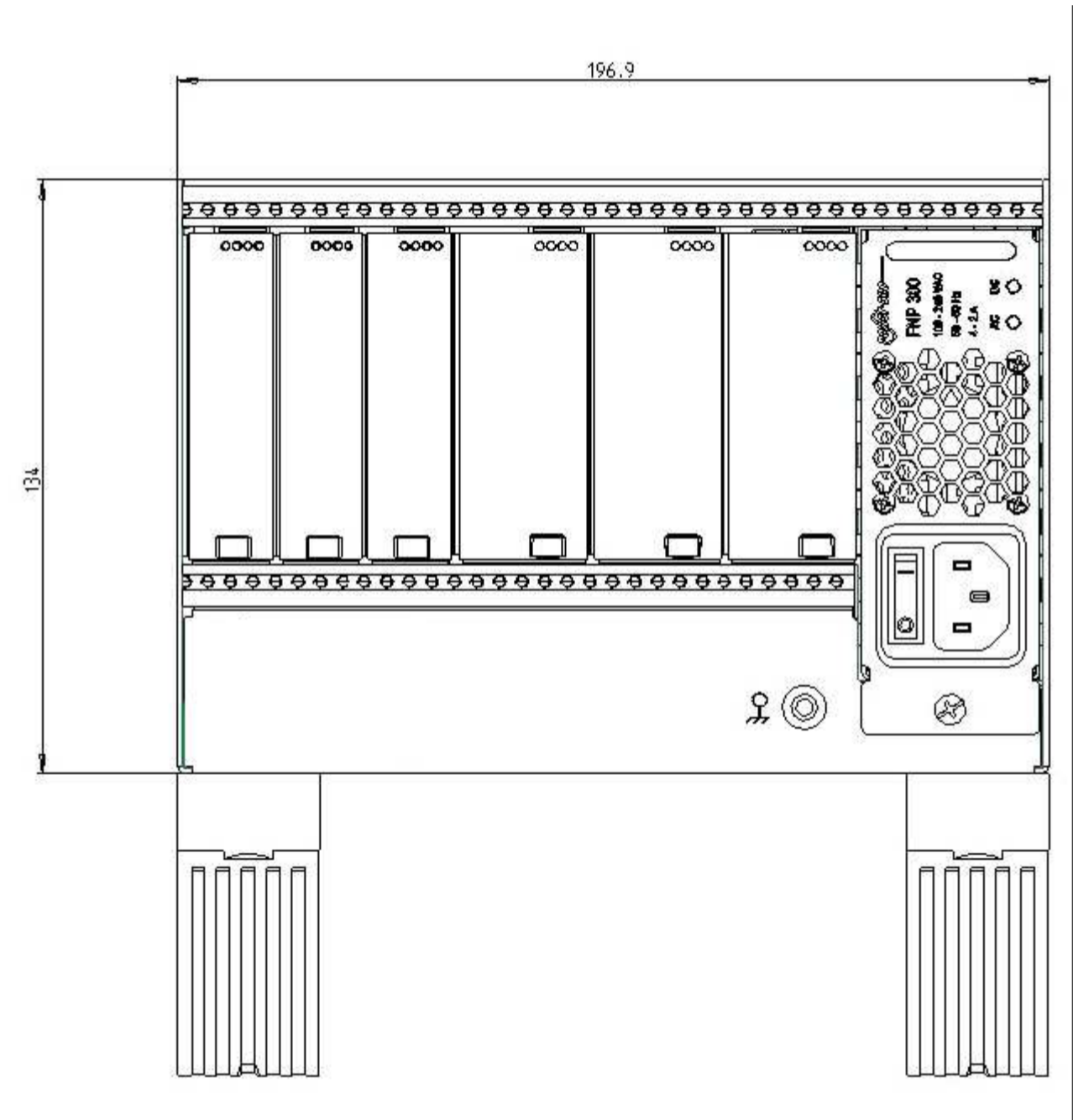


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Mechanical Dimensions:





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