

## MicroTCA blu!two-t

### MicroTCA Development System

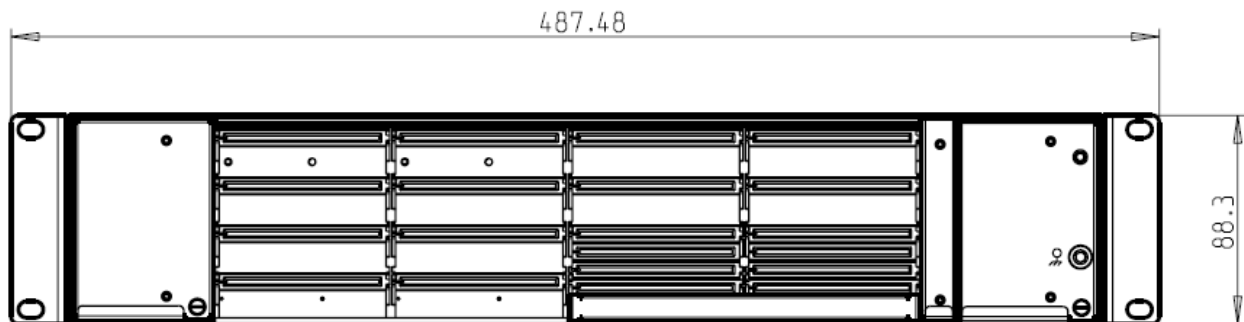
ELMA Order number: 038-075 (450W), 039-640 (650W)

#### Key Features:

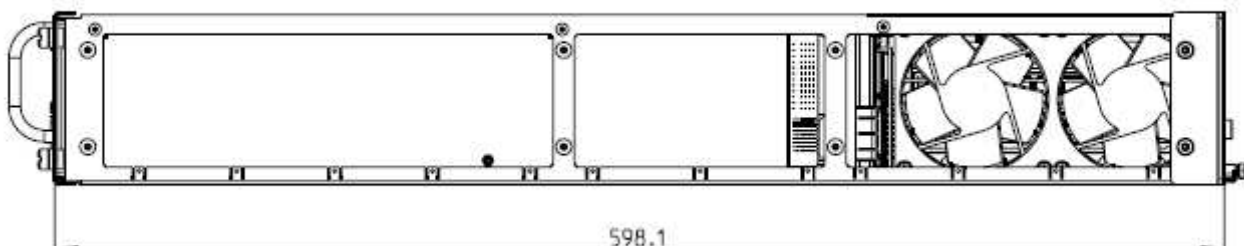
- MicroTCA System Platform 19", 2U
- Full redundancy provided by two MCHs, two cooling units and two power modules
- Up to twelve mid- or compact size AMC's, support up to six full size AMC's
- Components are hot-swappable and controlled via IPMI



#### Diagram:



blu!two-t front view



blu!two-t side view

## Backplane

### Key Features:

#### Full redundancy:

- Up to two MCHs
- Up to two Power Modules
- Two Cooling Units
- 12 AMCs
- Dual star topology
- High-speed AMC connectors
- Full MicroTCA compliant



## Connections

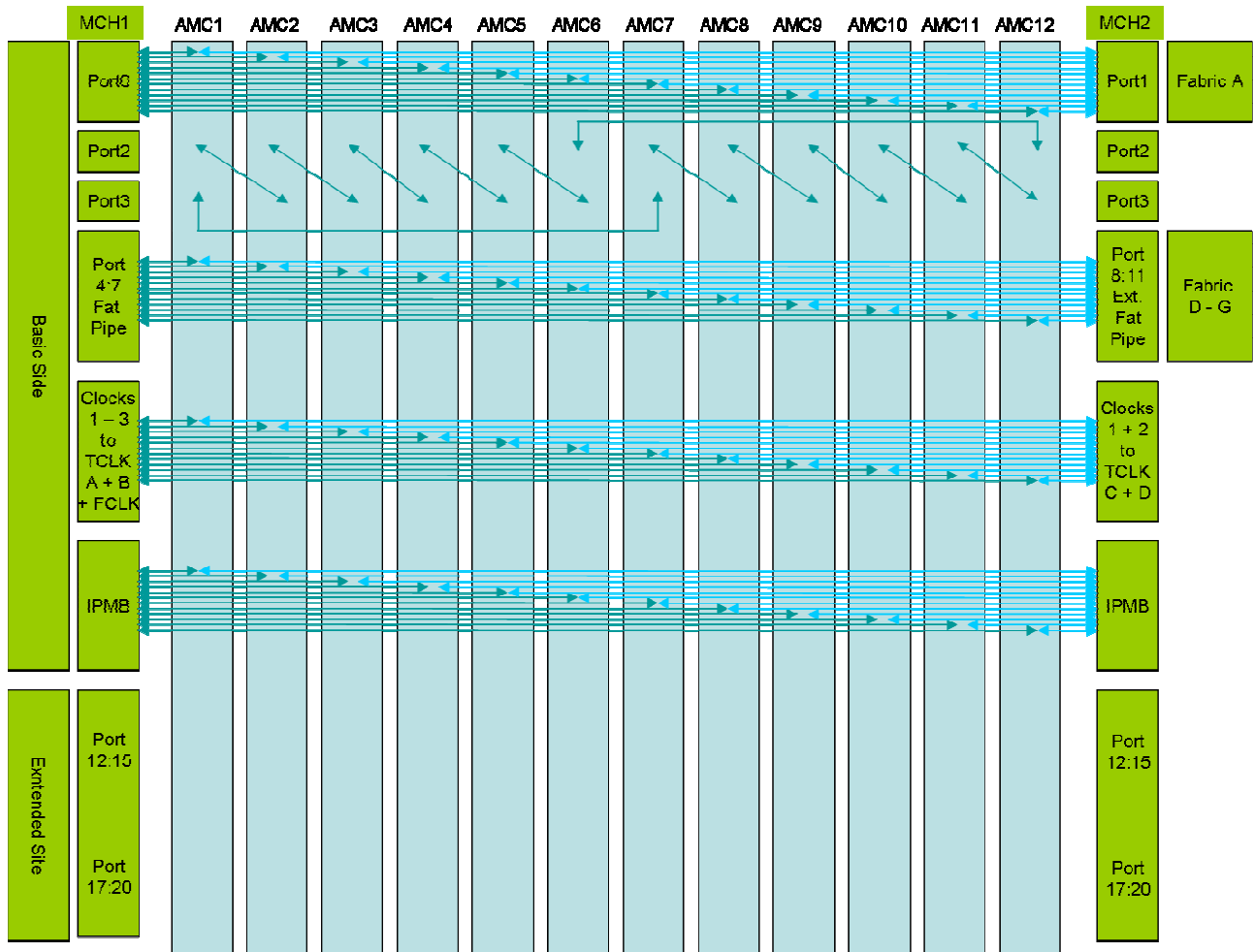
### Overview:

The connector pin out of the MCH in the MicroTCA specification provides three different options.

- Fabric[B], Clock 1 and Clock 2
- ½ Fabric[B], Clock 1, Clock 2 and Clock 3
- Fabric[B] and Fabric[C]

The Fabrics [B] and [C] are for storage protocols only (S-ATA, SAS). These protocols are not intended to be switched in most cases. More important are the clock networks for synchronization. Therefore the Clocks 1 to 3 are used to connect to all AMCs.

**Block diagram:**



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