

# MTCA.4 System for 12 Double Full-Size AMC Modules



The system is designed for high-performance, high availability applications. The hot-swap fan modules with EMMC in pull configuration ensure that the front and rear slots are properly cooled. The fan speed is adjustable via the MCH. The separate JSM installation space prevents an AMC slot from being occupied by a JTAG module. The system can take up to four power modules to ensure a sufficient power supply for demanding applications. The backplane features clock and trigger lines.

## CERTIFICERINGER



## FUNKTIONER

In accordance with MTCA.4 R1.0 specification

84 HP system for 12 double Full-Size AdvancedMC modules, 2 Single Full-Size MCHs, and 4 / 2 Single Full-Size power modules

6 rear transition module slots for Double Full-Size RTMs

1 Single Full-Size slot for a JTAG switch module (JSM)

Backplane with dual-star topology

Optional fan speeds for front and rear sections can be separately adjusted via the MCH

2 hot-swap fan modules with cooling unit manager (CU EMMC)

Air filter accessible from the front

## SPECIFIKATIONER

Table 1/3

| Katalognummer | Product Type | Number of Slots | Type | Backplane Type | Data Transfer | Power per Slot |
|---------------|--------------|-----------------|------|----------------|---------------|----------------|
|---------------|--------------|-----------------|------|----------------|---------------|----------------|

|           |        |    |                |                                |                   |     |
|-----------|--------|----|----------------|--------------------------------|-------------------|-----|
| 11890-170 | System | 12 | 19" Rack Mount | MTCA.4 Dual Star Topology, JSM | 40 GbE, PCIe Gen3 | 80W |
| 11890-156 | System | 12 | 19" Rack Mount | CMS Dual Star Topology, JSM    | 40 GbE, PCIe Gen3 | 80W |
| 11890-152 | System | 12 | 19" Rack Mount | MTCA.4 Dual Star Topology, JSM | 40 GbE, PCIe Gen3 | 80W |
| 11890-119 | System | 12 | 19" Rack Mount | CMS Dual Star Topology, JSM    | 40 GbE, PCIe Gen3 | 80W |

Table 2/3

| Katalognummer | Airflow Direction | Rack Height | Power Supply Type           | Power Supply Included | Rear I/O | Complies With     |
|---------------|-------------------|-------------|-----------------------------|-----------------------|----------|-------------------|
| 11890-170     | Front to Rear     | 9U          | 2 x (4) Single Full-size PM | No                    | Yes      | PICMG MTCA.4 R1.0 |
| 11890-156     | Front to Rear     | 9U          | 2 x (4) Single Full-size PM | No                    | Yes      | PICMG MTCA.4 R1.0 |
| 11890-152     | Bottom to Top     | 7U          | 2 x (4) Single Full-size PM | No                    | Yes      | PICMG MTCA.4 R1.0 |
| 11890-119     | Bottom to Top     | 7U          | 2 x (4) Single Full-size PM | No                    | Yes      | PICMG MTCA.4 R1.0 |

Table 3/3

| Katalognummer | Dybde | Pakke mængde |
|---------------|-------|--------------|
| 11890-170     | 373mm | 1            |
| 11890-156     | 373mm | 1            |
| 11890-152     | 373mm | 1            |
| 11890-119     | 373mm | 1            |

## YDERLIGERE PRODUKTOPLYSNINGER

2 Power Supplies are required to operate the system.

Modified systems available on request.

## ADVARSEL

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