

11850-021 MTCA.4 CUBE SYSTEM FOR 7 DOUBLE AMC MODULES, 5 U, 42 HP



KEY FEATURES

In accordance with PICMG MTCA.4 R1.0 specification

5 U, 42 HP cube system for 6 Double Mid-Size and 1 Double Full-Size AdvancedMC modules, 1 Double Full-Size MCH and 1 Double Full-Size power module

6 rear transition module slots for Double Mid-Size modules and one slot for Double Full-Size

Backplane with star topology, direct connections for S-ATA/SAS, clock and trigger lines per PICMG-MTCA.4

Clock topology per PICMG AMC.0 R2.0

Hot-swap fan module with cooling unit manager (CU EMMC), airflow from bottom to top, fan speed for front and rear sections can be separately adjusted via MCH

Air filter accessible from the front

PRODUCT ATTRIBUTES

Product Type: System

Number of Slots: 7

Type: Half 19" Rack Mount

Backplane Type: MTCA.4 Star Topology

Data Transfer: 40 GbE; PCIe Gen3

Power per Slot: 80 W

Airflow Direction: Bottom to Top

Rack Height: 5 U

Power Supply Type: (1) Double Full-size PM

Power Supply Included: No

Rear I/O: Yes

Complies With: PICMG MTCA.4 R1.0

Depth: 373.3 mm

Height: 222.25 mm

ADDITIONAL PRODUCT DETAILS

The system is designed for development and lab testing work. The hot-swap fan module with EMMC ensures that the front and rear slots are properly cooled at a low noise level. The fan speed is controlled independently for front and rear and is set via the MCH. The backplane features clock and trigger lines per PICMG MTCA.4, as well as interlocks. It also provides direct connections for SAS/SATA and lines between the AMCs.

Modified systems available on request.

CERTIFICATIONS



North America

All locations

+1.763.422.2661

Chat with us:

schroff.nvent.com

Europe

Straubenhardt, Germany

+49.7082.794.0

Betschdorf, France

+33.3.88.90.64.90

Warsaw, Poland

+48.22.209.98.35

Assago, Italy

+39.02.932.7141

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Shanghai, China

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Qingdao, China

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Singapore

+65.6768.5800

Shin-Yokohama, Japan

+81.45.476.0271

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Middle East & India

Dubai, United Arab Emirates

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