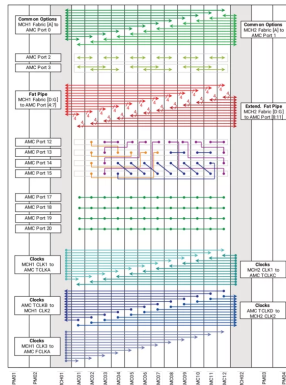


11850-026 MTCA.4 SYSTEM FOR 12 DOUBLE MID-SIZE AMC MODULES, 9 U, 84 HP



KEY FEATURES

In accordance with PICMG MTCA.4 R1.0 specification

9 U, 84 HP system for 12 Double Mid-Size AdvancedMC modules, 2 Double Full-Size MCHs, and 4 Double Full-Size power modules

12 rear transition module slots for Double Mid-Size RTMs

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

Telecom and fabric clock topology per PICMG AMC.0 R2.0

2 hot-swap fan modules with cooling unit manager (CU EMMC), airflow from bottom front to top rear

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

PRODUCT ATTRIBUTES

Product Type: System

Number of Slots: 12

Type: 19" Rack Mount

Backplane Type: MTCA.4 Dual Star Topology

Data Transfer: 40 GbE; PCIe Gen3

Power per Slot: 80 W

Airflow Direction: Front to Rear

Rack Height: 9 U

Power Supply Type: (4) Double Full-size PM

Power Supply Included: No

Rear I/O: Yes

Complies With: PICMG MTCA.4 R1.0

Depth: 373.3 mm

Height: 400.05 mm

ADDITIONAL PRODUCT DETAILS

The system is designed for high-performance applications with a high level of availability, where redundancy of all components is required. The two redundant hot-swap fan modules with EMMC in push-pull configuration ensure that the front and rear slots are properly cooled. The fan speed is controlled independently for front and rear and is set via the MCH. Cable trays on the front and rear of the enclosure simplify cable management. The system can take up to four power modules to ensure a sufficient power supply for the application. 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

Chat with us:

schroff.nvent.com

Asia

Shanghai, China

+86.21.2412.6943

Qingdao, China

+86.532.8771.6101

Singapore

+65.6768.5800

Shin-Yokohama, Japan

+81.45.476.0271

Chat with us:

schroff.nvent.com

Middle East & India

Dubai, United Arab Emirates

+971.4.378.1700

Bangalore, India

+91.80.6715.2001

Istanbul, Turkey

+90.216.250.7374

Chat with us:

schroff.nvent.com



Our powerful portfolio of brands:
nVent.com **CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER**

© 2023 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners.

nVent reserves the right to change specifications without notice.