MTCA.4 System Rev3, 12 Double Mid-Size AMC Slots, 9 U, 84 HP, JSM

CATALOG NUMBER

11850-040

MTCA.4 crate in accordance to Rev 3.0 of the MTCA.0 Standard with support for PCIe Gen 4 & 5 as well as 100 GbE. The system is designed for high-performance applications with 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.

FEATURES

- In accordance with PICMG MTCA.0 R3.0 and MTCA.4 R3.0 specification
- Supports PCIe Gen5 and 100GBase-KR4
- 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
- Fan tray suitable for chassis with 80 W CU Power Channel (MTCA.0 R2.0) or 110 W CU Power Channel (MTCA.0 R3.0)
- 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 Star Topology

Data Transfer: 100 GbE; PCIe Gen5

Power per Slot: 80W

Airflow Direction: Front to Rear

Rack Height: 9U

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

Power Supply Included: No

Rear I/O: Yes

Complies With: PICMG MTCA.4 R1.0

Depth: 373.3mm

Height: 400.05mm

*The price shown is the per piece price and does not include VAT. Depending on local conditions, packaging and freight charges might not be included. Where these charges should be part of the total price, they are included in the quote. The price given is a non-binding recommended retail price (RRP), which is the nVent list price. The final sales prices of local distributors may vary. Quotations requested or generated on SCHROFF.nVent.com are only valid for commercial customers (B2B). The lead time displayed above is an estimate for this item to be dispatched from an nVent Schroff facility. Transit delivery times are not included in this estimate, as transit time may vary, depending on delivery address, parcel dimensions, and other factors. Cut-outs and modifications placed in non-recommended areas ("collision detected") for configured products may be subject to additional engineering and/or design costs, which may increase initially quoted prices.

ADDITIONAL PRODUCT DETAILS

Modified systems available on request.

WARNING

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