nVent SCHROFF

We connect and protect

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

NÚMERO DE CATÁLOGO

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.

CARACTERISTICAS

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

CARATERÍSTICAS DO PRODUTO

Product Type: System
Number of Slots: 12
Tipo: 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: Não
Rear I/O: Sim
Em conformidade com: PICMG MTCA.4 R1.0
Profundidade: 373.3mm
Altura: 400.05mm

DETALHES ADICIONAIS DO PRODUTO

Modified systems available on request.

AVISO

Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em www.nVent.com e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.

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