

MTCA.4 System for 6 AMC Module, 4 RTM, JSM-Slot, 3 U, 84 HP, X16 Connection

CATALOG NUMBER

11890-164



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 two power modules to ensure a sufficient power supply for demanding applications. The backplane features clock and trigger lines per PICMG MTCA.4, as well as interlocks. It also provides direct connections for SAS/SATA between the AMCs.

CERTIFICATIONS



FEATURES

In accordance with PICMG MTCA.4 R1.0 specification

3 U, 84 HP system for 5 Double Mid-Size-AMC, 1 Double Full-Size AMC, 1 Double Full-Size MCH and 2 Double Full-Size-Power-Modules

4 rear transition module slots for Double Mid-Size RTMs

Backplane with star topology, direct connection for S-ATA / SAS,

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

Hot-swap fan units in the rear, air flow from front to rear; air filter access from front

Fan speeds can be separately adjusted via the MCH

Installation space for optional JSM module on the back of the crate

PRODUCT ATTRIBUTES

Product Type: System

Number of Slots: 6

Type: 19" Rack Mount

Backplane Type: MTCA.4 Star Topology, JSM

Data Transfer: 40 GbE; PCIe Gen3

Power per Slot: 80W

Airflow Direction: Front to Rear

Rack Height: 3U

Power Supply Type: (2) Double Full-size PM

Power Supply Included: No

Rear I/O: Yes

Complies With: PICMG MTCA.4 R1.0

Depth: 373mm

Gross Weight: 13.6kg

Package Quantity: 1

ADDITIONAL PRODUCT DETAILS

Modified systems available on request.

Optionally available with 3 fans and 2 EMMCs.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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