

MICROTCA CUBE WITH RTM

FOR PHYSICS APPLICATIONS



The chassis is designed for testing high availability physics applications in the laboratory. The backplane topology is taken from the 12 slot Dual Star topology, defined in PICMG MTCA.4 and is stripped down to a Single Star version. By using the Schroff adapter kit, two systems can be mounted side-by-side into a 19" cabinet!



Open Modular Computing Specifications

- Front slots conform to MicroTCA specification PICMG MicoTCA.0 R1.0

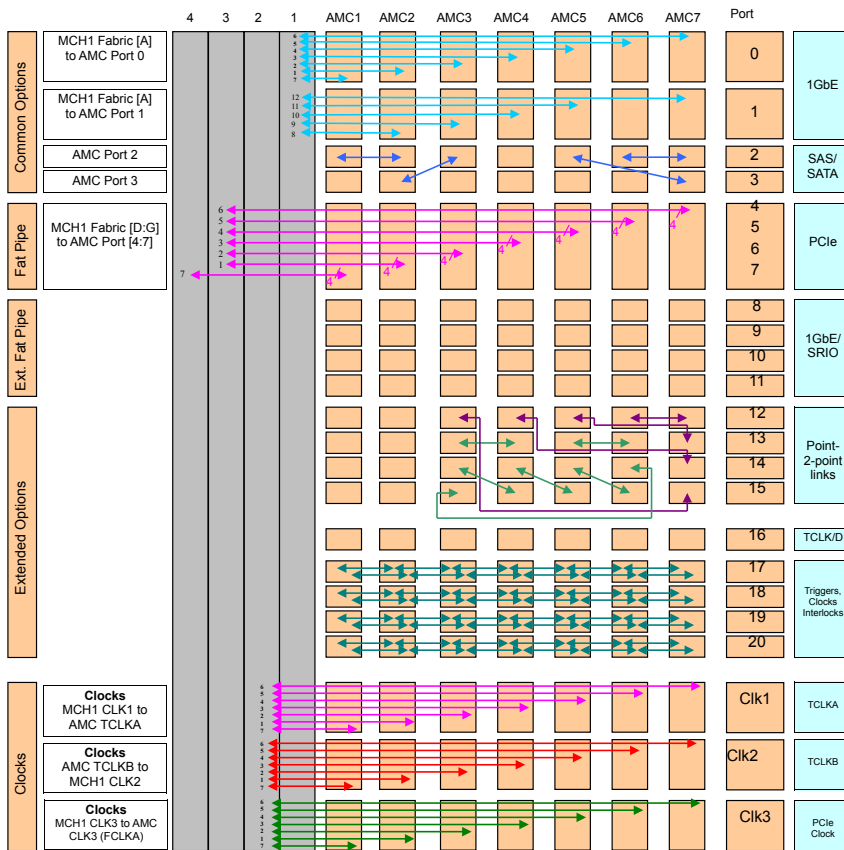
1 x MCH slot	Double full-size
1 x AMC slot	Double full-size
6 x AMC slots	Double mid-size
1 x PM slot	Double full-size
- Rear slots according to PICMG MicoTCA.4 R1.0

7 x μ RTM slots	Double mid-size/full-size
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- 1 x hot-swap fan tray with EMMC for cooling of AMC and μ RTM
- Airflow: bottom air intake, top air exhaust
- Chassis dimensions:

Width:	217.72 mm (ca. 42 HP)
Height:	221.45 mm (5 U)
Depth:	373.30 mm

CHASSIS COMPONENTS



Backplane Topology 7-slot Physics, 23005-466

Part number

The order number is **11850-021**.
Delivery comprises: subrack, backplane, removable fan tray, air filter.

Backplane topology

The backplane includes special based connections for triggers, clocks and interlocks. It also includes point-to-point SAS/SATA and fabrics connections between AMCs.

Note:

On request, JTAG holders can be assembled on the rear side of the backplane.

Accessories:

- Power Module 600W, with PM EMMC, Double full-size
Order number **11098-438**
- Splitting Kit
Order number **20849-115**
- MicroTCA Filler modules and front panels.

For order numbers, see:
www.schroff.biz



FOR FURTHER INFORMATION VISIT: WWW.SCHROFF.CO.UK/physics



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