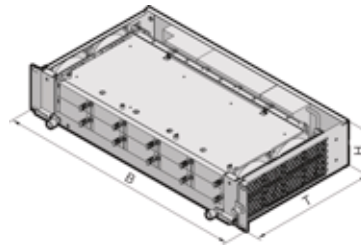
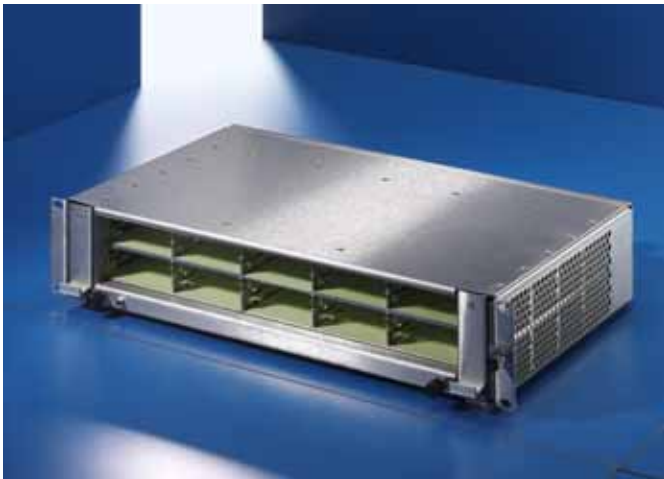


PicoTCA, 482.6 mm (19"), 2 U



The PicoTCA is a modular 19" chassis in 2 U design supporting up to 12 AMCs and an MCH (full-size, compact). The chassis is designed such that communication protocols compliant with AMC.1 type 4 (PCIe and Advanced Switching), AMC.2 type 4, AMC.2 E2 (GbE) and AMC.3 (SAS/SATA) can all be handled. For SAS and SATA AMC boards, a point-to-point connection is realised via the backplane, so that each slot is able to communicate directly with its neighbouring slots via ports 2 and 3. In the initial version, an MCH (MicroTCA Carrier Hub) is supported via the backplane. Customer-specific designs and backplanes can be supplied upon request.

Benefits at a glance

- Conforms to PICMG MicroTCA.0 R1.0
- Extremely compact ready-to-run system
- Chassis depth of 254 mm for installation in 300 mm deep enclosures
- Includes AC/DC power supply
- Support for up to 12.5 Gb/s
- Support for different AMC form factors
- Exchangeable air filters
- High EMC shielding
- Robust industrial design ensures minimum sensitivity to impact and vibration
- NEBS-compliant
- Fully assembled, wired and tested. Ready to run

Technical specifications:

- 19", 2 U, 254 mm deep
- AC/DC power supply, max. 450 W:
 - Input voltage: min. 90 V AC – max. 264 V AC with PFC
 - Input frequency: min. 47 Hz – max. 63 Hz
 - Output: 3.3 V DC/max. 3 A, 12 V DC/max. 38 A
- Cooling via 2 independent fan trays
- Backplane and AMC connectors in **con:card+** quality from HARTING
- Integrated JTAG connector for debugging and testing

- Supports 12 AMCs (full-size, compact) compliant with AMC.1 type 4 E2S and AMC.2 type 4 E2S, as well as 1 MCH
- Weight: 9 kg
- Operating temperature: 0°C to +45°C
- Storage temperature: -40°C to +85°C

Supply includes:

- 1 rack-mount system 482.6 mm (19"), 2 U, 254 mm deep,
- 2 fan tray modules with air filters,
- 1 power supply,
- 1 backplane.

	Packs of	2 U
Width (B)		19"
Height (H) mm		89.4
Depth (T) mm		254
Model No. RP	1	9911.803

