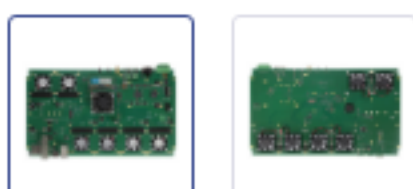
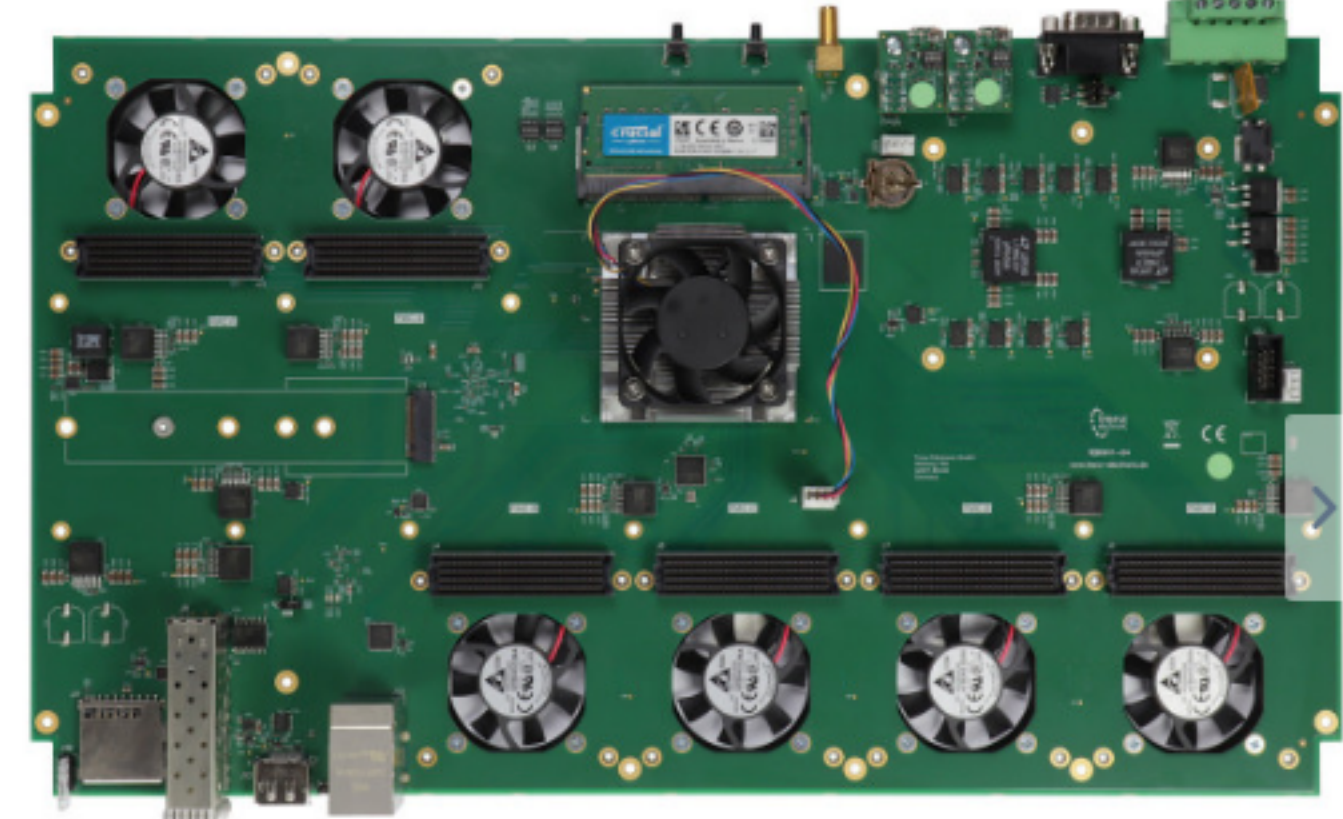


TEB0911 UltraRack+ MPSoC Board with AMD Zynq™ UltraScale+™ ZU9,6 FMC Connectors



€3,514.00 (4,181.66 € gross) *

Prices plus VAT plus shipping costs

Possible to order, delivery time on request.

1

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Order number: TEB0911-04-9BEX1MA
In Stock: 0
Article status: Full production

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The Trenz Electronic TEB0911 UltraRack+ Board is integrating a AMD/Xilinx Zynq™ UltraScale+™ ZU9,6 MP SoC with 2 x 64 MByte Flash memory for configuration and operation, 8 GByte DDR4-SDRAM SO-DIMM socket with 64-bit wide data bus, 22 MGT lanes and powerful switch-mode power supplies for all on-board voltages. The TEB0911 board exposes the pins of the Zynq MPSoC to accessible connectors and provides a whole range of on-board components to test and evaluate the Zynq™ UltraScale+™ MPSoC and for developing purposes. The board is capable to be fitted to a enclosure, whereby on the enclosure's rear and front panel, I/O's, LVDS-pairs and MGT lanes are accessible through 6 on-board FMC connectors and other standard high-speed interfaces, namely USB3, SFP+, SSD, GbE, etc.

All parts are at least extended temperature range of 0°C to +85°C. The module operating temperature range depends on customer design and cooling solution. Please contact us for options.

Key Features

- Zynq™ UltraScale+™ MPSoC XCZU9EG-1FFVB1156E
 - 1156 Pin Package
- 8 GByte 64-Bit DDR4 SO-DIMM (PS connected)
- Active heat sink (serial number 638088 and above)
- M2 PCIe SSD (1-Lane)
- 8 GByte e.MMC (bootable)
- 2 x 64 MByte Dual QSPI Flash (bootable)
- System Controller(LCMXO2-7000HC)
 - Power Sequencing
 - IO Expander
- Configurable PLLs
- GTH/GTP Reference CLKs

Front Panel

- 4 x FMC
 - 4 GTH per FMC
 - 68 ZynqMP PL IO per FMC
- DisplayPort (2-Lanes)
- RJ34 ETH + Dual USB3 Combo
- Dual Stack SFP+
- SD (bootable)
- Status LEDs

Back Panel

- 2 x FMC
 - 4/2 GTH
 - 12 ZynqMP PL IO per FMC
- 56 SC IO per FMC
- USB JTAG/UART ZynqMP
- USB JTAG/GPIO FMC
- CAN FD (DB9 Connector)
- SMA (external CLK)
- 5-pin 24 V power connector

Board size

- 406 mm x 234.30 mm, please download the assembly diagram for exact details

Other assembly options for cost or performance optimization plus high volume prices available on request.

Recommended Software

Vivado ML Enterprise Edition

- Free Download of the Standard Edition
- Buy Enterprise Edition Licence
- Overview of all Vivado ML Editions
- AMD/Xilinx Licensing FAQ

Development Support

Latest documentation, design support files and reference designs with source files are available for download free of charge.

Scope of Delivery

- 1 x TEB0911-04-9BEX1MA Trenz Electronic UltraRack+ MPSoC board with AMD/Xilinx Zynq™ UltraScale+™ ZU9EG
- 1 x active heat sink, pre-assembled

Additional Information

- Manufacturer's article number: TEB0911-04-9BEX1MA
- Trenz Electronic TEB0911 Wiki
- Support Forum

All modules produced by Trenz Electronic are developed and manufactured in Germany.

Related links to "TEB0911 UltraRack+ MPSoC Board with AMD Zynq™ UltraScale+™ ZU9,6 FMC Connectors"

- Do you have any questions concerning this product?
- Wiki
- Further products by Trenz Electronic GmbH

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Sales and customer support:
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Head Office
Beendorfer Str. 23, 32609 Hüllhorst

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