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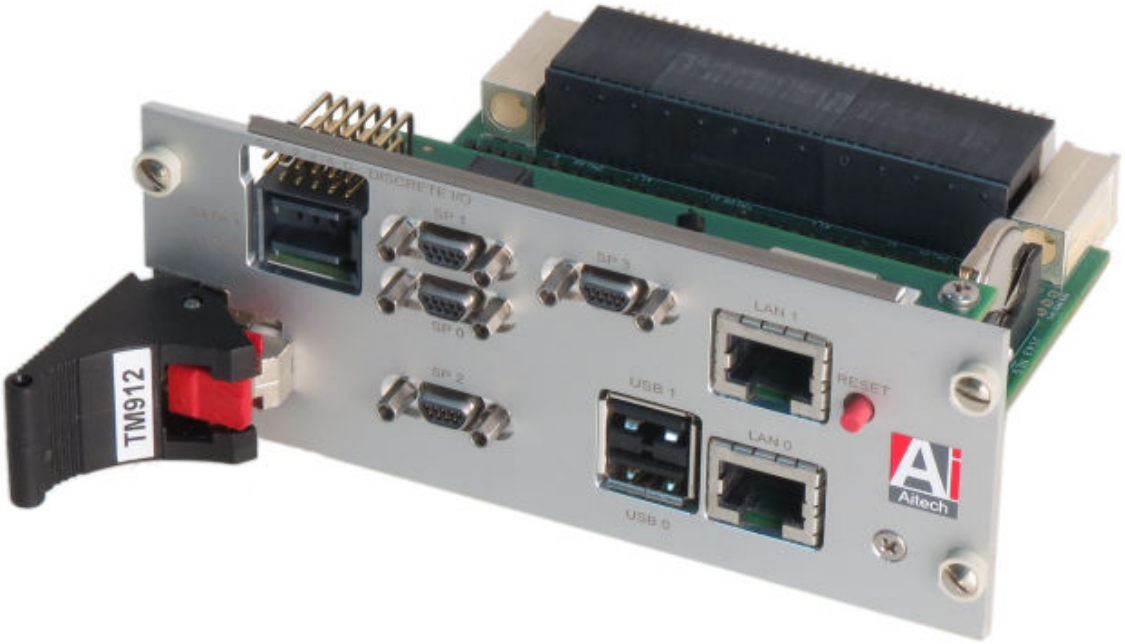
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Find the *Aitech Defense Systems TM912* at our website: *Click HERE*

TM912

3U VPX RTM for the C912 SBC

Aitech
Embedded Computing *without* Compromise



- 3U VPX Rear Transition Module (RTM)
- Standard Connectors for C912 I/O Interfaces
- High Speed Connector for C912 XMC I/O
- RTC Backup Battery Receptacle
- Reset Pushbutton
- ANSI/VITA 46.10 Compliant
- Double Slot Front Panel
- 80 mm Mounting Depth



TM912

3U VPX RTM for the C912 SBC

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Overview

Supported Products	C912 3U VPX SBC
I/O Routing	TM912 supports all C912 I/O variants. Signals from backplane pins that differ in function per C912 I/O variant are routed to jumpers on the TM912 PCB, which select the TM912 connector to which the signals are routed.
System Compatibility	Supports both air-cooled and conduction-cooled versions of the C912, when installed in systems that meet the following specifications: • Chassis accommodates rear plug-in units • ANSI/VITA 46.10 compliant backplane with RJ0, RJ1, and RJ2 connectors on the rear side of the C912 slot • Compatible with TM912 specifications listed in the *Mechanical* section below

Supported Interfaces

C912 Interface	TM912 Interface	TM912 Location
1000Base-T Ports	2 x RJ45 Connectors	Front Panel
SATA Ports	2 x SATA Host Signal Plug Connectors	Front Panel
USB 2.0 Ports	2 x USB 2.0 Type A Connectors	Front Panel
Serial Ports	4 x 9-Pin Micro D Connectors	Front Panel
Discrete I/O	12-Pin Header (8 x Discrete I/O Lines + 4 x GNDs)	Front Panel
VPX SYSRESET# Signal	Reset Push Button	Front Panel
VPX P1_VBAT Signal (RTC Backup)	Coin Cell Battery Receptacle	PCB
XMC I/O	120-Pin High Speed Connector	PCB

Mechanical

- All dimensions per ANSI/VITA 46.10
- Double slot front panel
- 3U form factor
- 80 mm mounting depth
- Can be used in enclosures with mounting depth > 80 mm using an extender (not included)

TM912

3U VPX RTM for the C912 SBC

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Ordering Information

TM912 - 2 - ☐ ☐

Front Panel Size
2 = Double slot

Configuration No.
To be assigned by Aitech

Example: TM912-2-00

Contact Aitech

Contact your Aitech sales representative for additional product information, and for inquiries regarding customized configurations of the TM912.



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