
**Summary**

The **XRM-ZBT** is an I/O Module which provides extra ZBT memory. The **XRM-ZBT** is suitable for mating with some of our FPGA based cards. The XRM-ZBT provides 2 banks of between 256K and 2048K x 36-bit ZBT pipelined memory, directly accessible by the FPGA. The XRM-ZBT also features 2 RS232 ports on the front panel.

**Features**
**Applications:**

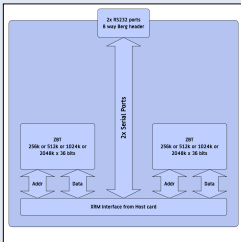
- Extended memory storage for developing applications
- Simple I/O interface

**Memory:**

- ZBT** - Provides 2 independent banks of between 256K and 2048K x 36-bit ZBT pipelined memory.

**Front Connector I/O:**

- Dual RS232 Interfaces



**Specification**

Product Name	XRM-ZBT
Memory	<b>ZBT</b> - Provides 2 independent banks of between 256K and 2048K x 36-bit ZBT pipelined memory.
Front I/O	<b>RS232</b> - Dual RS232 Interfaces
Software	ZBT IP core allows simple integration with the FPGA board.
Battery	The XRM provides holders for two back-up batteries. Uses SR60 or equivalent batteries.
Environmental	<b>Temperature:</b> Operating Temperature 0° to +55°C  <b>EMC:</b> FCC 47CFR Part 2 EN55022 Equipment Class B

**Ordering Codes**

XRM(xver)-ZBT(m)		
XRM Version	xver	blank=Original XRM (FPGA products up to Virtex-5), 2=XRM Version 2 (FPGA products Virtex-6 and later)
Memory Fitted	m	/2 = 256K x 36-bit, /4 = 512K x 36-bit, /8 = 1024K x 36-bit, /16 = 2048K x 36-bit
NOTE	#	Please contact ??mailto:sales@alpha-data.com~Alpha Data Sales?? for use of the XRM with Virtex-5 devices

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