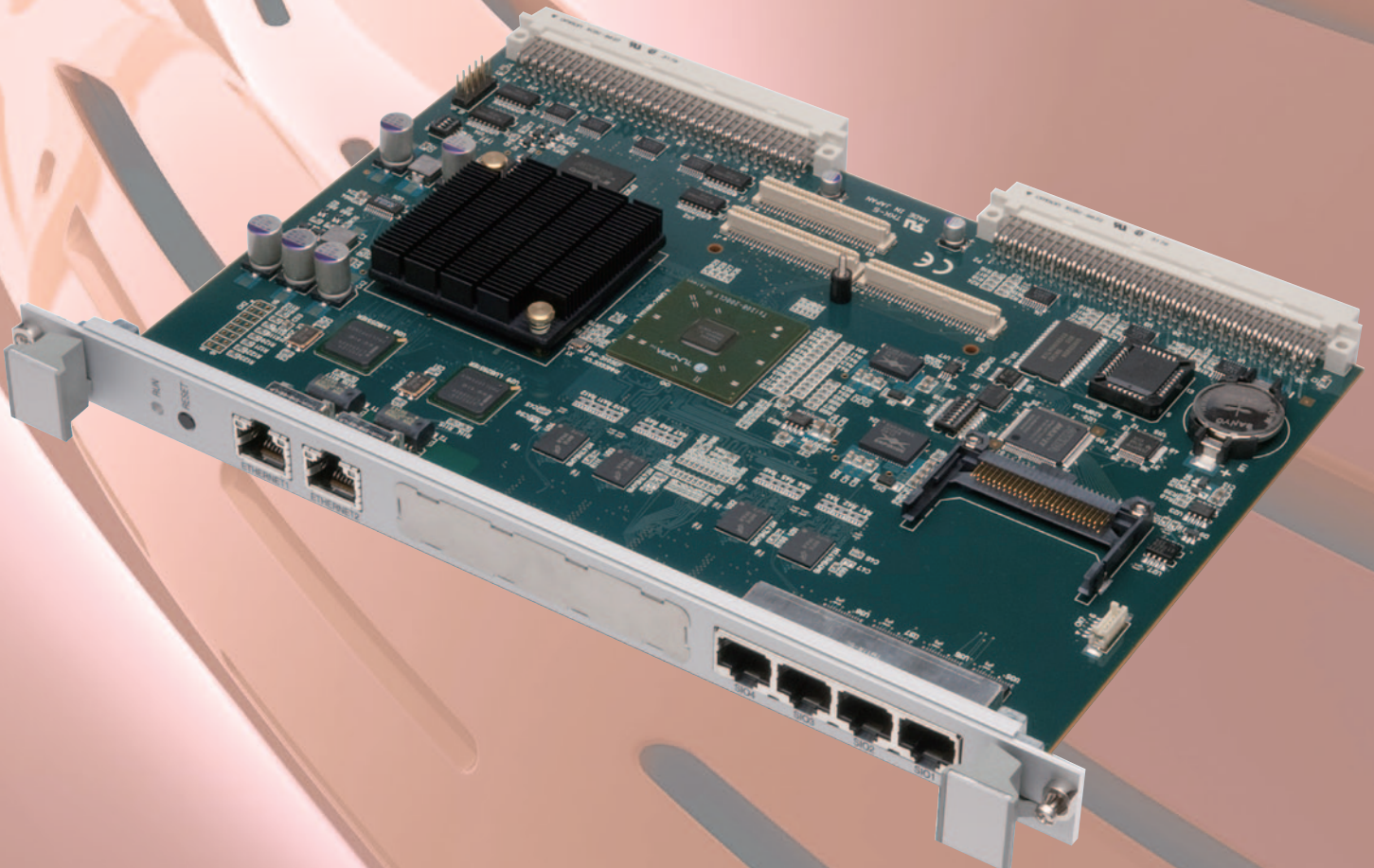


Advme 7514

PowerPC 750CL CPU Board

- Equipped with IBM PowerPC 750CL (800MHz)
- Up to 1GB on-board DDR2-SDRAM with ECC
- 10/100BASE-TX Ethernet × 2ch
- CompactFlash compatible
- 64bit/33MHz PMC slot × 1
- PCI-VME Bridge [NARUTOII]



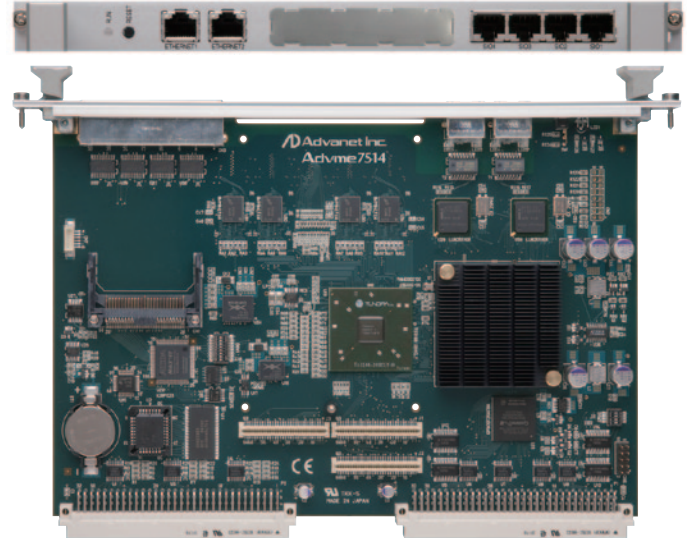
IBM PowerPC750CL(800MHz) VMEbus CPU Board

Overview

The Advme7514 is a PowerPC 750CL-equipped VMEbus CPU board, and utilizes Tundra Tsi108 host bridge that can interconnect PowerPC processor to DDR2-SDRAM, PCI devices, and other peripherals. The board comes with two 10/100BASE-TX Ethernet ports, four RS232C serial ports, one CompactFlash interface, and one PMC interface with 64bit/33MHz. Several on-board connectors provide flexible expandability.

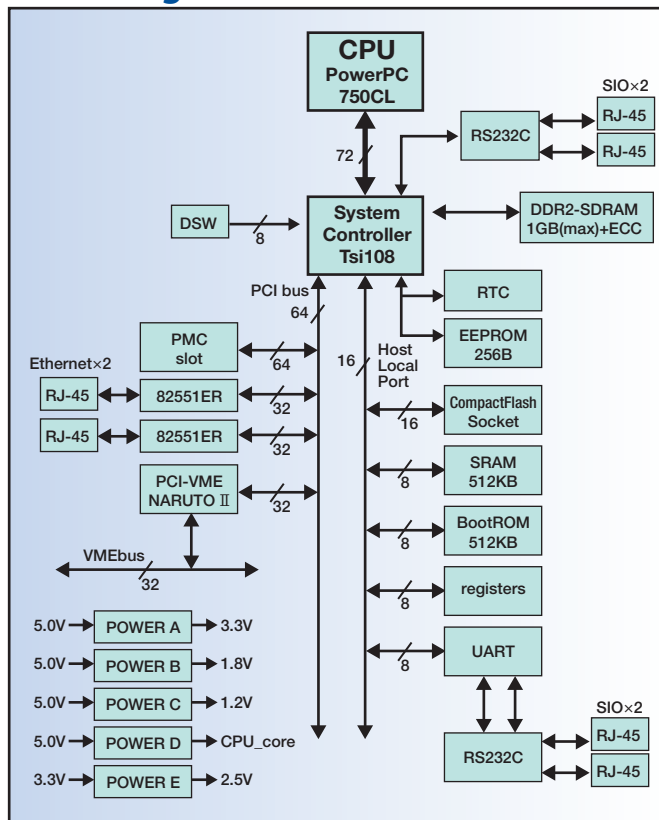
EC/ECC-capable DDR2-SDRAM, as main memory, is expandable up to 1GB (optional).

The Advme7514 boasts a variety of available memory including CompactFlash, FlashROM, SRAM, and EEPROM. The Advant PCI-VME bridge "NARUTOII" is incorporated into this board for the external VMEbus interface.



* CompactFlash in the above photo is optional.

Block Diagram



Specifications

GPU	Processor	IBM PPC750CL-800MHz
	Operating Clock	800MHz
	L1 Cache	32kB for Data and 32kB for Instruction
Memory	L2 Cache	256kB parity-protected
	Main Memory	DDR2-SDRAM with ECC
	Boot ROM	512MB/1GB (optional)
Front panel I/O	Serial EEPROM	512kB Flash memory (socket implementation)
	Serial EEPROM	256B
	RS232C Serial Port	x4 (RJ-45)
On-board I/O	Ethernet	10/100 BASE-TX x2
	CompactFlash	socket x1
	PMC	slot x1
PCI-VME bridge	RTC	I2C bus, Battery Backup
	Bus Bridge	NARUTO II (Advant Original)
VMEbus	Compliant Spec.	VME Bus Revision C.3
	Bus width	A32/A24/A16 D32/D16/D08(E0)
	Functions	VMEbus master/slave, system controller, interrupter, interrupt handler, system reset input/output
Power Supply		DC5.0V±5% (supplied from the rack)
Consumption current		5.0V 4.6A (max.) PMC not included
Form Factor		6U size, Single Slot

Please consult us regarding your specific custom requirements

Note: The following specifications and product appearance are subject to change for enhancement without notice.



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