



V Rose Microsystems, Inc.

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VRM-XTX-A7150

Product Data Sheet

Overview:

- XTX Evaluation Board for EmXTX-i9150
- 3 x PCIe x1 Lanes and 4 x PCI Slots
- Support CRT, 24 bit Dual Channel LVDS and TV-out
- 4 x SATA, 5 x USB 2.0 Ports, 4 x Serial Ports
- ACC 655 AC'97 Audio Codec
- AT or ATX Power Source
- POST Code Diagnostics
- 1 x Express Card/54 Interface

Features:

System

- CPU: Intel Pentium M Socket 479 CPU up to 2.0GHz FSB400/533MHz Intel Ultra Low Voltage Celeron M 600MHz CPU FSB400MHz Intel Low Voltage Pentium M 1.4GHz CPU FSB400MHz
- BIOS: Phoenix-Award PnP Flash BIOS
- Cache: 2nd level 2MByte (Max.)
- System Chipset: IntelR 915GME + ICH6M
- System Memory: 1 x 200-pin SO-DIMM DDRII 400MHz up to 1GB
- ATA/IDE: 2 x Serial ATA (150MB/s) 2 x ATA100/66/33 port, support 4 IDE drives

I/O

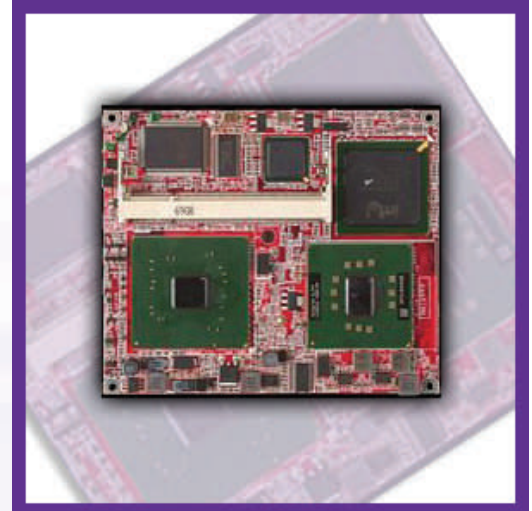
- Serial Port: 2 x RS-232 ports
- Parallel: SPP/EPP/ECP mode
- Floppy: Floppy shared with parallel port can be implemented on the carrier board (2nd I/O) can be used as external USB Floppy
- IrDA: 1 x SIR IrDA 1.1 compliant
- USB: 6 x USB 2.0 compliant
- KB/MS: 1 x PS2 K/B and Mouse
- Expansion Bus: Support 4 x PCIe x1 lanes and 4 x PCI slots

Ordering:

VRM-XTX-A7150-001 With Socket 479 for Intel Pentium M/Celeron M CPU FSB400/533MHz

VRM-XTX-A7150-002 With Intel Celeron M 600MHz CPU FSB400MHz

VRM-XTX-A7150-003 With Intel Pentium M 1.4GHz CPU FSB400MHz



Audio

- Codec & Interface: ALC655 AC97 Codec, support Micin/Line-in/Line-out

Display

- Graphic Chipset: Integrated with IntelR Graphics Media Accelerator (GMA900)
- Display Memory: CRT support up to 2048 x 1536 LCD support 18/36 bit LVDS up to 1600 x 1200

Ethernet

- Chipset: Intel 82551QM 10/100 base-T Ethernet

Mechanical & Environmental

- Temperature: 0o~60oC (32o ~140oF)
- Operation Humidity: 0% ~ 90% relative humidity, non-condensing
- Size: 114 x 95 mm (4.5" x 3.7")