



V Rose Microsystems, Inc.

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VRM-ETX-A7602

Product Data Sheet

Overview:

- Intel Ultra Low Voltage Celeron 400Mhz up to LowVoltage Pentium III 933Mhz FSB 100/133Mhz
- Intel Ultra Low Voltage Celeron 650Mhz CPU FSB100Mhz
- SDRAM up to 512MB (SO-DIMM)
- UMA Savage 4 (VT8606T) AGP video controller with TTL, LVDS, CRT and TV-out support
- Realtek 8100BL 10/100base-T Ethernet



Features:

System

- CPU: Intel Ultra Low Voltage Celeron 400Mhz up to Low Voltage Pentium III 933Mhz FSB 100/133Mhz
- BIOS: Phoenix-Award PnP Flash BIOS
- System Chipset: VIA Twister-T VT8606T + VIA VT82686B
- System Memory: 1 x 144Pin SO-DIMM up to 512 MB SDRAM
- Watchdog Timer: 127-level Reset

I/O

- MIO: 4 x EIDE (2 Ultra DMA100), 1 x FDD, 1 x LPT, 2 x TTL serial, 1 x K/B, 1 x Mouse
- USB: 4 x USB 2.0 ports
- IrDA: IrDA 1.1

Audio

- AC97 Codec: VIA VT1612A
- Audio Interface: Mic-in, Line-in, Line-out

Display

- Chipset: VIA Twister-T S3 Savage4 Engine
- Resolution: CRT mode: 1920 x 1440, LCD Mode: 18/36 bit LVDS up to 1280 x 1024, LCD support: 18/24/36 bit TTL up to 1280 x 1024
- TV-out: Support NTSC/PAL up to 1024 x 768
- Display Memory: Up to 32 MB UMA Video Ram

Ethernet

- LAN: Realtek 8100BL 10/100 base-T Ethernet
- Ethernet Interface: Built-in Boot ROM in Flash BIOS, support Boot from LAN

Mechanical & Environmental

- Operation Temperature: 0~60°C (32~140°F)
- Operating Humidity: 0%~90% relative humidity, non-condensing
- Size: (L x W) 4.5" x 3.7" (114 mm x 95 mm)

Ordering:

VRM-ETX-A7602/C400 Intel Ultra LV Celeron 400MHz ETX module (Fanless)

VRM-ETX-A7602/CM650 Intel ULV Celeron 650MHz ETX module

VRM-ETX-A7602/P800 Intel Pentium III LV Tualatin 800MHz ETX module

VRM-ETX-A7602/P933 Intel Pentium III LV Tualatin 933MHz ETX module

VRM-ECB-A7100 ETXexpress PC board

Cable Kit optional