



FEATURE HIGHLIGHTS

- Transmeta Crusoe™ 600MHz CPU embedded board
- Supports 66 MHz Front Side Bus
- Dual LAN controllers for 10 Base-T/100 Base-TX Ethernet
- 64MB on board with one DIMM socket with memory up to 256MB
- Audio function on board
- PC/104, one 32bit PCI slot, and MicroPCI sockets
- Optional VGA

| FEATURE | DESCRIPTION |
|-------------------------|---------------------------------------------------------------------------------------|
| Main Processor | Transmeta Crusoe™ 600MHz CPU with 66MHz FSB |
| Main Memory | 64MB on board with one 168-pin DIMM socket for up to 256MB SDRAM |
| BIOS | Award® 2 Mbit BIOS |
| Chipset | VIA® VT82C686A/B chipset supports 66MHz FSB |
| Expansion Bus | PC/104, 32-bit PCI slot, and MicroPCI socket |
| VGA | Optional MicroPCI module through MicroPCI socket with 2MB, 4MB, or 8MB VGA memory |
| LAN | Dual Intel 82559 Ethernet controllers with 10/100Mbps data transfer speed |
| Hard Disk Interface | Supports four enhanced IDE HDDs (PIO up to Mode 4, bus master mode, Ultra DMA 33) |
| Floppy Disk Interface | Supports one floppy disk drive |
| Serial Port | Three RS-232 ports and one RS-232/422/485 port |
| Parallel Port | One bi-directional parallel port with SPP/ECP/EPP function |
| RTC | High precision real time clock with battery back up |
| Watch Dog Timer | 16 levels, system reset |
| Audio | VIA VT82C686A/B AC97 digital audio controller |
| Solid State Disk | Socket for DiskOnChip® with Flash memory up to 144MB or latest max. capacity |
| USB / Digital I/O | 2 USB ports, Digital I/O 4-in and 4-out |
| Mouse/Keyboard Port | 6-pin mini DIN connector for PS/2 mouse and keyboard |
| Physical Dimension | 7.99" (L) x 5.75" (W) (203mm x 146mm) |
| Power Requirement | + 5V @ 1A, +12V @ 400mA, -12V @ 100mA, +3.3V @ 1.5A |
| Environment Information | Operation: 0 – 60°C; Storage: -20 – 80°C; Operation humidity: 10 – 90% non-condensing |

ORDERING GUIDE

| MODEL NO. | ITEM NO. | DESCRIPTION |
|-------------|-----------|----------------------------------------------------------|
| MiniSBC 755 | EMBSBC755 | Transmeta Crusoe™ 600MHz Based EmbSBC with VGA/LAN/Audio |