

MiniSBC 750

Feature Highlights

- √ Transmeta Crusoe® 400MHz CPU based embedded board with Dual LANs /Audio
- √ Supports 66 MHz CPU bus speed
- √ Optional VGA controller with 2-8MB memory for CRT/LCD
- √ Dual LAN controllers for 10 BaseT/ 100 BaseTX Ethernet
- √ Digital Audio accelerator
- √ One PCI, PC-104 & MicroPCI expansion
- √ One DIMM socket with memory up to 256MB



Feature	Description
Main Processor	Transmeta Crusoe® TM3400 400MHz SMT CPU with 66 MHz front side bus speed
Main Memory	64MB memory on board. One 168-pin DIMM socket with max. memory up to 256MB SDRAM
BIOS	Award® BIOS supports ACPI, DMI, & PnP
Chipset	VIA® VT82C686A/B chipset
VGA	Optional MicroPCI VGA controller
LAN	Dual Intel® 82559 Ethernet controllers with 10 BaseT / 100 BaseTX
Audio	VIA® VT82C686A/B AC97 digital sound accelerator
Hard Disk Interface	Support four enhanced IDE HDDs (PIO modes 3 / 4, and Ultra DMA/33)
Floppy Disk Interface	Support two floppy disk drives, which are compatible with 360K, 720K, 1.2MB, 1.44MB, 2.88MB
Serial Port	Three RS-232 ports and one RS-232/422/485 port with compatible UARTs
Parallel Port	One bi-directional parallel port with SPP/ECP/EPP function
Watch Dog Timer	16 levels time-out intervals
Solid State Disk	Socket for DiskOnChip® with Flash memory up to 144MB or latest max. capacity
USB Port	Support two USB ports, cables are optional
Expansion Bus	One 32-bit PCI slot, one PC/104 connector, and one MicroPCI socket
Mouse / Keyboard Port	6-pin mini DIN connectors for PS/2 mouse and keyboard
Extra Features	4 input / output digital I/O, IrDA pin header, cables are optional
Physical Dimension	5.75" (L) x 8" (W) (146mm x 203mm)
Power Requirement	5V @ 1A, +12V @ 400 mA, -12V @ 100mA, +3.3V @ 1.5A
Environment Information	Operation: 0~60°C; Storage: -20°~-80°C; Operating humidity: 10%~90% non-condensing

Ordering Guide	Model #	Item #	Description
	MiniSBC 750	EMBSBC750	Transmeta Crusoe® 400MHz Embedded SBC with Dual LANs/Audio
		SBCX-USBSET	USB cable set for IME750

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