

IB7553L

Transmeta Crusoe TM5400 5.25-inch SBC with Triple LAN
LOW POWER - HIGH PERFORMANCE - HIGH RELIABILITY



IB7553L SPECIFICATIONS

CPU

Transmeta Crusoe
TM5400
533MHz

CPU Front Side Bus

66MHz

Chipset

VIA VT82C686A/B

L2 Cache

CPU integrated

BIOS

Award 2Mbit Flash BIOS

System Memory

128MB on board
One 168-pin DIMM socket supports up to 128MB single-side SDRAM modules

IDE Interface

Two enhanced IDE interface supports 4 IDE devices including UDMA/33, PIO mode 4 and bus master mode

FDD Interface

Supports up to two floppy disk drives: 3.5"(720KB, 1.44MB or 2.88MB) and/or 5.25"(360KB or 1.2MB); with 3 Mode support

Super I/O

VIA VT82C686A/B

Parallel Port

One parallel port supports SPP/EPP/ECP

Serial Ports

One RS-232/422/485 and three RS-232 ports

Watchdog Timer

Generates system reset; 16 levels

Solid State Disk Interface

One SSD socket supports 2MB~144MB M-Systems DiskOnChip flash disk

Hardware Monitoring

VIA VT82C686A/B, monitoring voltages, temperatures, and fan speeds

USB

Pin header for 2 USB ports

IrDA

Pin header

Mouse Connector

Pin header for PS/2 type connector

Keyboard Connector

Pin header for PS/2 type connector and 5-pin header for external keyboard

VGA Function

None, use PCI VGA card on PCI slot

Audio Function On Board

VIA VT82C686A/B AC97 Digital Audio Controller

Ethernet Function On Board

Three Intel® 82599 Fast Ethernet Controller
10/100Mbps data transfer speeds
Three RJ-45 via pin header

Extra Features:

PC/104 extension
One 32-bit PCI slot
Digital I/O (4 in, 4 out)

Form Factor

5.25-inch SBC (Embedded Board)

Dimensions

203mm x 146mm (7.99" x 5.74")

Power Requirement

+5V: 2.92, +12V: 600mA

Operating Temperature

0C~60C (32F~140F)

Storage Temperature

-20C~80C (-4F~176F)

Relative Humidity

10%~90% (non-condensing)

