

Fanless Mini - IPC for Core Duo CPU's with Dual GB LAN



1 PCI Slot



2 or 3 PCI Slots

Specification

CPU Socket Socket 478
Supports Intel® Core™ Duo /Solo processors
Up to 2.33GHz

Chipset Intel® 945GM chipset ICH7M

CPU Front Side Bus (FSB) 533Hz / 667MHz

BIOS Award BIOS, ACPI supported

System Memory
Two DDR2 sockets supports up to 4GB DDR SDRAM
PC400/533/667 DDR SDRAM

Integrated VGA
Intel® 945GM integrated VGA for CRT/TV out
Supports DVMT 3.0 for memory allocation

LVDS
Intel® 945GM integrated for 18-bit dual channel LVDS
Optional ID390 with Chronitel 7308 for 24-bit LVDS

VGA Options
Optional single/dual DVI cards with connectors on
card or via cable

Primary LAN
ICH7M integrated 10/100 BaseT Ethernet

Secondary LAN
Marvell 88E8053 PCI Express Gigabit Ethernet

Audio
ICH7M integrated audio with AC97 codec
Onboard NS LM4950 amplifier

Multi I/O
ICH7M, Winbond W83627EHF chipset
Supports 1x IDE, 2x SATA, 2x RS-232, 1x FDD, 1x
KB, 1x Mouse

PCI Slots
One or two PCI-Slots (with Riser Card)
MiniPCI, PCI-E(1), Mini PCIe

IDE Interface
Built in ICH7M; One enhanced IDE channel supports
2 IDE devices; supports UDMA33/66/100

Serial ATA Supports 2 ports

FDD Interface Onboard slim FDD connector

FEATURES

Ultra-Compact Mini-IPC for Intel® Core™ Duo/Solo CPU

- Mini-ITX Board MB-899
- Mobile Intel® 945GM Chipset
- Supports CRT, LVDS, optional TV out or DVI
- Dual LAN - 10/100 BaseT & PCI Express Gigabit LAN
- SATA x 2, USB x 6
- 1 or 2 PCI-Slots (with RiserCard)
- Steel Metalhousing for optimum thermal and electrical protection
- Depth only 215 mm (*)
- Removable Hard Disk from Frontsite
- Hard Disk and CD-ROM protected against shock & vibration by patented shockabsorbers

Serial Ports Two RS-232 ports
1394 Supports 2 ports (TI TSB43LV22)

USB (2.0)
Supports 6 USB ports (4 ports + 2 ports via pin
header)

IrDA by Pin header

Keyboard and Mouse Connector
PS/2 type

Watchdog Timer
Generates system reset; 256 levels

Hardware Monitoring
Built in W83627EHF; monitors system/CPU
temperature and voltage status

Digital I/O 4 in / 4 out

Power Supply : Fanless Internal Power Supply
110-230 VAC or **12 / 24 VDC**

Environmental :

Operating Temperature: 0°C~60°

Storage Temperature: -20°C~80°C

Relative Humidity: 5 ..95% noncondensing

Dimensions W x H x D(mm) : 225 (½ x 19”) x 90 x 238
225 x 130 x 238 (2/3 PCI-Slots)

Weight : 4 KG

Approval : CE

