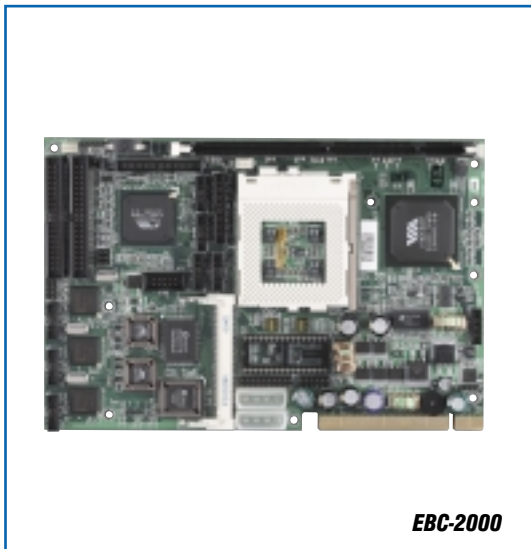




EBC-2000 series

Socket 370 Celeron/Pentium III/C3 EBC with Triple Fast Ethernet/MiniPCI



... The EBC-2000 with triple Fast Ethernet Ports, provide high and scalable network throughput. And Mini PCI interface provide more extension function like SCSI, Security and NICs. EBC-2000 is the best choice for the network engine today.

Features

- Supports Socket370 based Intel Celeron/Pentium III (FC-PGA/FC-PGA2) and VIA C3 processors
- VIA Pro133T Chipset, FSB 133MHz
- System memory up to 512MB PC-133 ECC/Non-ECC SDRAM
- Triple high performance Intel 82559 Fast Ethernet on board RJ-45 connectors
- Combined HDD accessing LED for most NAS applications
- MiniPCI Type III compatible interface for user application expansion
- Supports AC'97 Link interface for audio function

Specifications

Form Factor	5.25" disk size Embedded board Dimensions: 210x140mm(8.3" x 5.5")	One high-speed bi-directional SPP/EPP/ECP parallel port with ESD protection to 4KV and downstream device protection to 30V Four 16C550 UARTs compatible COM ports via pin-headers, standard equipped with one RS-232 interface and one LCM interface for ADLINK's LCM solution Keyboard and mouse on 6-pin header
CPU/Cache	Supports Intel FC-PGA/FC-PGA2 Celeron / Pentium III(support from 600MHz to 1.4GHz(Tualatin)) Support VIA C3 CPU (Support from 400MHz to 800MHz) Fanless with C3 configuration, up to 800MHz	Hardware Monitoring
Front Side Bus Speed	133MHz	Watchdog Timer
Chipset	VIA Pro133T (VT694T + VT686B)	Audio
BIOS	Award 4Mb flash memory	Extension Interface
RAM	One 168-pin DIMM sockets, Max. 512MB un-buffered PC-133 SDRAM with or without ECC capability	External Power Connector
LAN	Max. triple Intel 82559 high performance IEEE 802.3 10/100-BaseTX Ethernet controller on board Reserved with pin-header for Ethernet's LED for user's applications	Other Features
MiniPCI	One 32-bit, 33MHz Mini-PCI Type III Rev. 1.0 compatible slot for user's application expansion (may include USB2.0)	Operating Temp.
IDE	ATA-100, dual channels	Storage Temp.
Flash Disk	DOM2000/Flash2000 2.5" flash drive	Shock
USB	Supports up to two USB ports via on-board pin-header connector Compliant with USB Specification Rev. 1.1.	Vibration
Super I/O	Winbond W83977EF One floppy interface, support two floppy drives (360KB, 720KB, 1.2MB, 1.44MB, 2.88MB) with 34-pin mini connector	Certificate or Test

Ordering Information

Model number	Description/Configuration
EBC-2000T	Socket370 Network Engine with triple LAN, MiniPCI
EBC-2000Dev Kit	EBC-2000 Development Kit, include HPE-D3S2, mPCI-8750, KB/MS Y-cable

Note 1: CPU, RAM or HDD are not included.
Note 2: Include Cooler kit.

Recommended Chassis

Chassis/Sub-system	Description/Configuration
RK-150S-BP	19" Rackmount 1U Height Chassis for Network Engine with 100W openframe PSU and Bypass Daughter board

Recommended Add-on Cards

Model number	Description/Configuration
DB-842CF	Compact Flash/USB daughter board
DB-AC97S	Audio daughter board with Line-in, Line-out, MIC-in connectors
mPCI-8760	C&T 69000 VGA card, support LCD display

Backplane Interoperability

Model number	Recommended backplanes
HPE-D3S2	2 PCI slots 1U Backplane for EBC-2000 series