ENDAT-3601M

Specifications

CPU:
Onboard VIA C3 Processor with 128KB Level 1 and 64KB Level 2 Cache with FSB 66/100/133MHz EBGA Package:
- CPU w/ FAN: C3 Series
- CPU w/o FAN: Eden Series

Chipset:
VIA VT8601 66/100/133MHz North Bridge with integrated 2D/3D Graphic Controller and VT82C686B Super I/O

BIOS:
AMI Flash BIOS

System Memory:
Two DIMM sockets accept up to 1GB SDRAM

Enhanced IDE interface:
Two 40-pin box headers support up to 2 EIDE devices, Ultra DMA transfer 33/66/100 mode and BIOS auto-detect

FDD interface:
Supports up to two Floppy Disk Drives

Display Controller:
- Chipset: On VT8601 chip 2D/3D Graphic Controller with SMA up to 8MB
- Display Type: CRT; 18bit, 24bit TTL TFT LCD panels; option for 18 bit or 24bit LVDS TFT LCD panels
- LCD Panel Resolution: 640 x 480; 800 x 600; 1024 x 768

Audio Controller: (optional)
- Chipset: VIA VT82C686B, AC'97 2.0 compliant, Multi-Stream Direct Sound and Direct Sound 3D acceleration
- Interface: Line-In, CD-In, MIC-In, Speaker-Out (optional)

High Speed Multi I/O:
- **Chipset:** VIA VT82C686B integrated Super I/O
- **Serial Ports:** Serial Ports: 4 high speed RS-232 ports with 1 high speed RS-232/422/485 port (via COM2 as option), all 4 serial ports support 16C550 UART and 16 byte FIFO, and with +5V, +12V power selector
- **Parallel Ports:** 2 Bi-directional parallel ports support SPP/EPP/ECP mode
- **USB Ports:** 4 ports with 1.1 compliant
- **Infrared Port:** 1 IrDA TX/RX port with pin header
- **Keyboard / Mouse Connectors:** Support PS/2 keyboard and mouse

Network Interface:
- Chipset: 1 or 2 Realtek 8139D or optional for 1 or 2 Intel 82551QM
- 10/100 BaseT / TX support, full duplex with RJ 45 connector onboard
- Compliant with IEEE 802.3X
- Boot from LAN function

On board Solid State Disk Interface:
One DOC 2000 socket support M-System DiskOnChip

Watch Dog Timer / POST Code: (optional)
- ALTERA EPM3064ATC100-10, 1~255 seconds programmable with 4 bytes system I/O port address
- 7 segments display for system diagnostic

Power management:
Supports power saving modes including APM 1.2 compliant

Real Time Clock:
On chip RTC with external Li Battery backup

On board Bus Expansion:
188-pin connector with PCI and ISA signal for expansion up to 3 PCI slots and 3 ISA slots

Board Dimension:
LPX form factor, 220 x 235 mm (8.6" x 9.2")

Power Types:
Support AT and ATX power supply by jumper selection

Operating Temperature: 0 ~ 60°C

Ordering Information:
For desired CPU speed, please contact us before ordering

ENDAT-3601M:

ENDAT-3601M-1R-10
with Realtek LAN + C3 1GHz CPU

ENDAT-3601M-1RL-10
with Realtek LAN + LVDS + C3 1GHz CPU

Audio Kit options:

AV Card	with 3W amplifier + bracket
UC-A001	with 3W amplifier