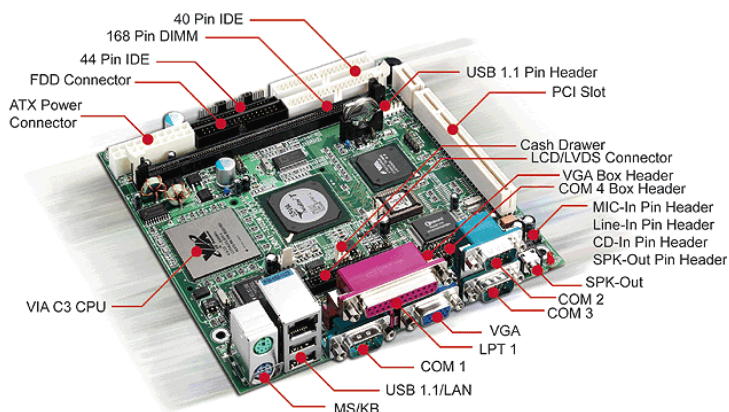


ENDAT-3205M



Mini-ITX format system board with Low Power consumption CPU for embedded system

Features

Onboard VIA C3/Eden series CPU
VIA VT8606-Twister + VT82C686B
1 Realtek or Intel LAN
4 COMs w/ +5V, +12V power selector
4 x USB 1.1
Digital I/O + Cash Drawer controller
Support TFT/ DSTN LCD Panel
Support TFT & LVDS duel channel interface
170mm x 170mm

Specifications

CPU:

Onboard VIA C3 Processor with 128KB Level 1 and 64KB Level 2 Cache with FSB 100/133MHz EBGA Package:

- CPU w/ FAN: C3 Series
- CPU w/o FAN: Eden Series

Chipset:

VIA VT8606-Twister T North Bridge with integrated S3 prosavage AGP 4x graphic Controller and VT82C686B Super I/O South Bridge

BIOS:

AWARD Flash BIOS

System Memory:

One DIMM socket accepts up to 512MB SDRAM

Enhanced IDE interface:

- Two 40-pin box header support up to 4 EIDE devices, Ultra DMA transfer 33/66/100 mode and BIOS auto-detect
- One 44-pin 2m/m box header support 2.5" IDE devices (Shared IDE 1)

FDD interface:

Support up to two Floppy Disk Drives

Display Controller:

- Chipset: On VT8606-Twister T chip 2D/3D Graphic Controller with SMA up to 32MB
- Display Type:
 1. CRT
 2. TFT with TTL: 18bit, 24bit, 36bit LCD panels
 3. TFT with LVDS: 18bit, 24bit, 36bit LCD panels (24bit is optional)
 4. DSTN with TTL: 8bit, 16bit, 24bit
- LCD Panel Resolution: 640 x 480; 800 x 600; 1024 x 768; 1280 x 1024; 1280 x 768
- Display ratio: 4:3 and 16:9

Audio Controller:

- Chipset: VIA VT82C686B, AC' 97 2.0 compliant, Multi-Stream Direct Sound and Direct Sound 3D acceleration
- Interface: Speaker-Out onboard phone-jack with 1.2W amplifier; Speaker-Out, MIC-In, CD-In and Line-In via onboard pin header

High Speed Multi I/O:

- Chipset: VIA VT82C686B integrated Super I/O
- Serial Ports: 3 high speed RS-232 ports and 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 Port: 1 Bi-directional parallel port 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 with onboard connector and pin header reserved onboard

Digital I/O:

6 bit input and 2 bit output (TTL level) by pin header

Cash Drawer:

0V / +12V controller by one pin header

Watch Dog Timer: (Optional)

Programmable 1~255 seconds

Network Interface:

- Chipset: Realtek 8139D
- or optional for Intel 82551QM/ER (no boot ROM function)
- 10/100 BaseT support, full duplex with RJ 45 connector onboard
- Compliant with IEEE 802.3X
- Boot from LAN function (not include 82551ER)

Power management:

Supports power saving modes including APM 1.2 compliant

Real Time Clock:

On chip RTC with external Li Battery back up

On board Bus Expansion:

One PCI expansion with edge connector for up to 3 PCI slots expansion via riser card with PCI 2.2 compliance

Board Dimension:

Mini-ITX form factor, 170 x 170 mm (6.69" x 6.69")

Power Types:

Support standard ATX power supply

Operating Temperature:

0 ~ 60°C

Ordering Information:

For desired CPU speed, please contact us before ordering

ENDAT-3205M-1R-10 with Realtek LAN + C3 1GHz CPU

ENDAT-3205M-1R-E8 with Realtek LAN + Eden 800MHz CPU

Annso Technology Co.,Ltd

Factory address: The south faces industry area of Xia Gang Fu Hai road, Chang'an Town, Dongguan City, Guangdong, China.
Tel: +86-769-81666360 81666395/96/97

Fax: +86-769-81666306

