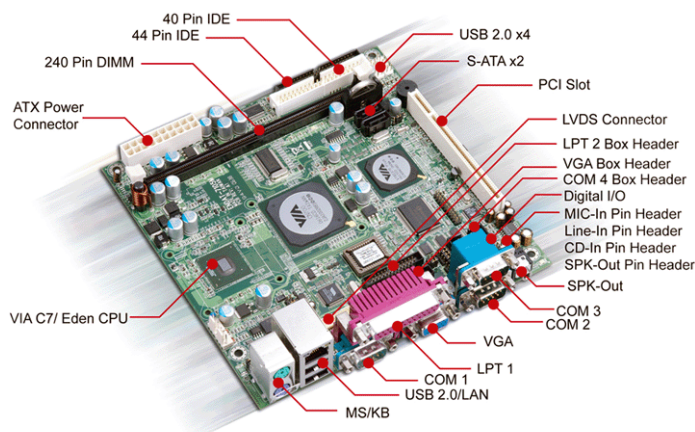


ENDAT-7105M



Features

- Fanless solution (VIA EDEN 1.0GHz)
- Dual view support by CRT + LVDS (optional)
- MPEG-2 Hardware Decoder
- 6 ports USB 2.0
- 4 serial ports and 2 Parallel ports support
- 170mm x 170mm

Specifications

CPU:

- VIA EDEN 1.0GHz Processor (5W w/o fan)
- VIA C7 1.5GHz Processor (12W w/ fan)

Chipset:

- VIA CN700 + VT8237R Plus

BIOS:

- AWARD Flash BIOS

System Memory:

- 1x 240Pin DIMM Socket support DDR2 533/400 up to 1GB

Enhanced IDE interface:

- 2 x IDE Connectors support 4 UltraDMA 133/100/66/33 devices (1 x 40-pin + 1 x 44-pin)

Serial ATA (SATA) interface:

- Support 2 ports SATA device with Raid 0, 1, JBOD

Display Controller:

- Chipset: On INTEL 865GV with DVMT Graphic controller up to 96MB (max)
- Chipset: Integrated VIA UniChrome Pro 3D / 2D Graphics with MPEG-2 Decoding Acceleration
- Dual view support: CRT + LCD (optional)
- Display type:
 1. CRT
 2. LVDS support 18/24/36/48bit Single/Dual Channel (optional)
- Display ratio: 4:3 and 16:9
- Support CRT resolutions up to 1600x1200
- Support LCD resolutions up to 1600x1200

Audio Controller:

- Chipset: Integrated VT8237R Plus Audio controller w/ VT1613 Audio Codec for 2 channel output
- Interface:
 1. Onboard phone-jack: Line-out (1.2Watt)
 2. Onboard pin header: Line-out, MIC-in, Line-in, CD-in and SPDIF-in/out

High Speed Multi I/O:

- Chipset: 2x Winbond W83697HG for 4 serial ports support
Serial Ports: 4 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: 2 Bi-directional parallel port support SPP/EPP/ECP mode (LPT2 by Box Header)
- USB Ports: 6 ports with USB 2.0 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:

- 16-bits Digital I/O with CMOS/TTL level (8 bit input and 8 bit output) by pin header

Watch Dog Timer:

- Programmable 1~255 seconds / minutes

Network Interface:

- Chipset: VT8237R Plus integrated 10/100 Fast Ethernet w/ VT6103 (PHY)
- 10/100 Base-TX, Full duplex with RJ-45 connector onboard
- Compliant with IEEE 802.3X

Power management:

- ACPI Mode

Real Time Clock:

- On chip RTC with external Li Battery back up

On board Bus Expansion:

- 1x 32-bit PCI slot with PCI-2.2 compliant

Board Dimension:

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

Power Types:

- Standard ATX Power Supply

Operating Temperature:

- 0 ~ 60°C

Ordering Information:

- | | |
|--------------------------|-------------------------------|
| ENDAT-7105M-E10 | VIA EDEN 1.0GHz |
| ENDAT-7105M-15 | VIA C7 1.5GHz |
| ENDAT-7105M-L-E10 | VIA EDEN 1.0GHz, LVDS support |
| ENDAT-7105M-L-15 | VIA C7 1.5GHz, LVDS support |

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