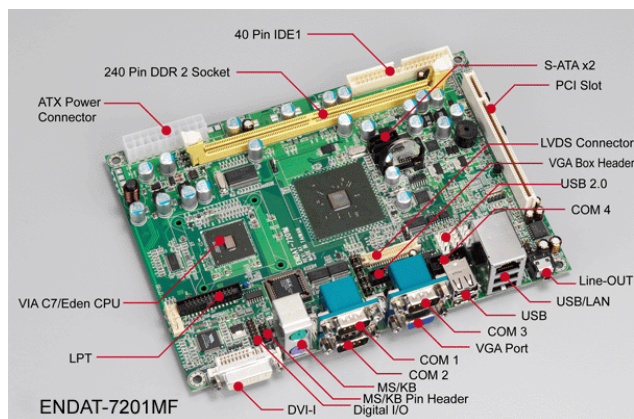


ENDAT-7201MF



Specifications

CPU:

VIA Eden ULV 500MHz Processor (1W)
VIA Eden 1.0 GHz Processor (5W)
VIA C7-D 1.5GHz Processor (20W)

Chipset:

VIA CX700M

BIOS:

AWARD Flash BIOS

System Memory:

One 240Pin DIMM Socket supports DDR2 533/400 up to 1GB

Enhanced IDE interface:

One IDE Connector supports 2 UltraDMA 133/100/66/33 devices

Serial ATA (SATA) interface:

Two ports 300MB/s SATA device with Raid 0, 1, JBOD

Display Controller:

Chipset: Integrated VIA UniChrome Pro II 3D/2D AGP graphics with MPEG-2/4 and WMV9 decoding acceleration

• **Dual view support:** CRT+LVDS or CRT+DVI (optional)

• **Display type:**

1. CRT
2. LVDS support 18/24/36/48bit Single/Dual Channel
3. DVI VT1632A (optional)

Display ratio: 4:3 or 16:9 support resolutions up to 1600x1200

Audio Controller:

Chipset: Integrated CX700M Audio controller w/ VT1708A HD Audio Codec for 2 channel output

Interface:

- Onboard phone-jack: Line-out (1.2Watt)
- Onboard pin header: Line-out, MIC-in, Line-in, CD-in and SPDIF-in/out

High Speed Multi I/O:

- Chipset: Winbond W83697HG and Fintek F81216D
- Serial Ports: 3 high speed RS-232 ports and 1 high speed RS-232/422/485 port (via COM2 as option) support 16C550 UART, 16-byte FIFO, and with +5V, +12V power selector.
- Parallel Port: 1 Bi-directional parallel port supports SPP/EPP/ECP mode
- 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 connector and pin header reserved

Features

Onboard VIA EDEN/C7 CPU
VIA CX700M
Support LVDS dual Ch. interface
1 x Gb LAN
4 COMs w/ +5V, +12V power selector
6 x USB 2.0; 2 x SATA
Support HD Audio
Support WDT & DIO
All Connectors onboard
203mm x 146mm

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: VIA Gb LAN Controller VT6122
- 10/100/1000 Base-TX, Full duplex with RJ-45 connector
- Compliant with IEEE 802.3X

Power management:

ACPI Mode

Real Time Clock:

On chip RTC with external Li Battery back up

PCI Expansion slot:

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

Board Dimension:

5.25" SBC form factor, 203 x 146 mm (7.9" x 5.7")

Power Types:

DC 12V input or Standard ATX Power Supply

Operating Temperature:

0 ~ 60°C

Ordering Information:

ENDAT-7201MF:

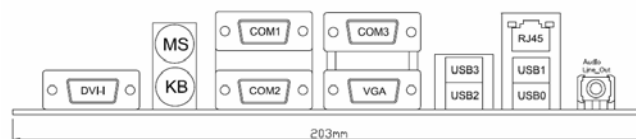
ENDAT-7201MF-E5	VIA Eden ULV 500MHz
ENDAT-7201MF-E10	VIA Eden 1.0 GHz
ENDAT-7201MF-15	VIA C7 1.5GHz
ENDAT-7201MF-D-E5	VIA Eden ULV 500MHz w/ DVI support
ENDAT-7201MF-D-E10	VIA Eden 1.0 GHz w/ DVI support
ENDAT-7201MF-D-15	VIA C7 1.5GHz w/ DVI support

**please specify power type (DC or ATX) when order boards.*

ENDAT-7201MF supports ATX power input

ENDAT-7201MFC supports 12V DC power input

Real window:



Spot light:

- Fanless solution (VIA Eden ULV 500MHz)
- Dual view support by CRT+LVDS or CRT+DVI
- 2 options for power input: DC 12V or ATX
- MPEG-2/4 and WMV9 Hardware Decoding Acceleration
- With 4 serial ports and 1 Parallel port

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