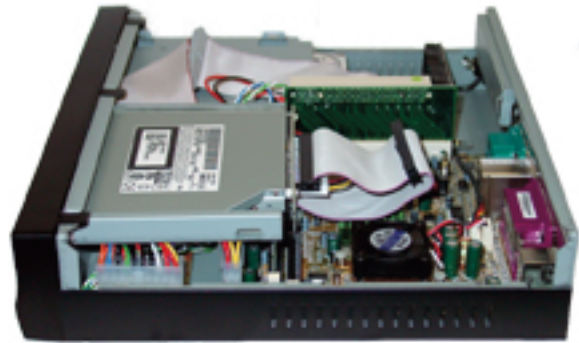
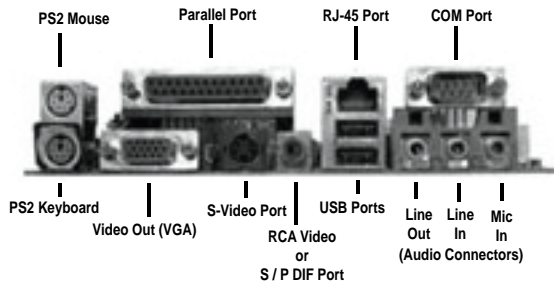




# M-Box

## BUILT TO LAST

12V or 115Volt Input Make This Perfect For Mobile or Industrial Environments!  
Standardized Embedded Solutions for Total Mainboard Connectivity



### Overview

The ultra-compact and highly integrated VIA EPIA mainboard is one of the smallest form factors available. The VIA EPIA mainboard enables the creation of an exciting new generation of small, ergonomic, and innovative embedded systems. The board comes with an embedded VIA Processor, boasting ultra low power consumption and cool, quiet operation. Available with a VIA C3 E-Series or fanless VIA Eden processor.

### CPU

- Embedded VIA Processor
- Enhanced Ball Grid Array Package (EBGA)
- Internal L1 128KB and L2 64KB cache memory

### Chipset

- VIA 8601A North Bridge
- VT8231 South Bridge

### Graphics

- Integrated Trident Blade 3D graphics core

### Audio

- VT1612A AC'97 Codec
- 3 Audio jacks: Line-in, Line-out and Mic in

### Main Memory

- 2xPC100/133 DIMM Slots

### PCI Bus IDE

- Supports up to 4 IDE devices
- Ultra DMA 33/66/100

### LAN

- VIA VT6103 Ethernet PHY
- Supports Ethernet 10/100Mb

### Environmental

- 0C ~ 40C (40F ~ 104F)

### USB

- 2 USB ports
- 1 Onboard USB pin header for up to 2 add'l connections
- USB v1.1 and Intel Universal HCI v1.1 compatible

### TV-Out

- VIA VT1621 TV-Out Controller
- Supports 640x480, 800x600 NTSC/PAL TV
- S-Video or RCA Video output

### I/O Ports

- PS2 Mouse connector
- PS2 Keyboard connector
- 15 pin External Monitor connector
- 16C550 compliant serial port
- EPP/ECP compliant parallel port
- FIR port jumper pin
- CIR jumper pin

### External AC Adaptor

- Input (AC 100~240 V)
- Output (DC 12V, 4.58A)(Optional)

### Dimensions (WxHxD)

- 11 1/2" x 2 1/2" x 10 3/4"

### Humidity

- 10% to 90% non-condensing

Highest Standards of Reliability & Performance