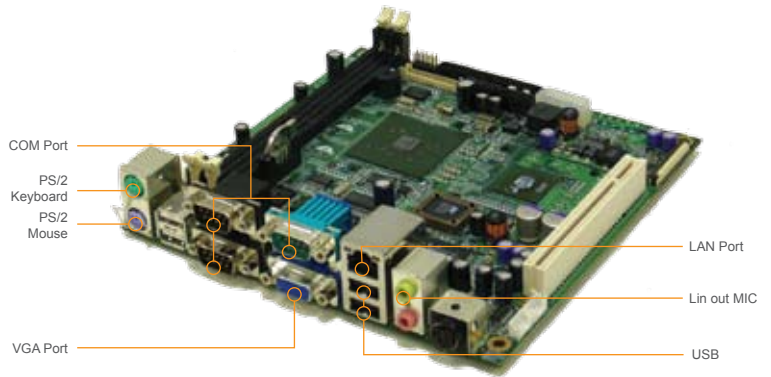


# BV-700ID

Mini-ITX Motherboard VIA Eden 1GHz VGA/Audio/Giga LAN/DDR2/USB 2.0

## PRODUCT PICTURE



## Key Features

- VIA CX700 Chipset with VIA Eden-V4 CPU
- Up to 1.5GHz CPU speed and 2GB DDR2 Memory
- Integrated VGA, support 18/24-bit LVDS LCD
- 10/100/1000 on board Giga LAN
- 6 x USB, 2 x Serial ATA II ports
- 4 COM ports, Watchdog timer
- 1 x PCI slot support 2 PCI Bus

## System Specifications

### System

- Processor: VIA C7 1GHz~2GHz and VIA Eden<sup>a</sup> 400MHz~1.5GHz by EBGA Type with 400/533MHz FSB
- System Memory: 2 x 240 pin DDR2 RAM socket up to 2GB, supports DDR2 400/533
- System Chipset: VIA CX700 single chipset
- BIOS: Phoenix-Award 4Mbit Flash with RPL/PXE LAN boot ROM, Smart View and customer CMOS backup
- Watchdog Timer: Reset supported; 256 levels, 0~255 second
- Expansion Interface: 1 PCI Expansion Slot, support 2 bus master
- Battery Lithium: 3V/ 196mAH
- Size: Mini ITX, 170mm x 170mm
- Temperature: 0 ~ 60°C, operation
- Operation Humidity: 10% ~ 90% relative humidity, non-condensing

### Input /Output Ports

- MIO: 1 x PATA-133 IDE, 2 x S-ATA-300, 1 x FDD, 1 x PS/2 KB, 1 x PS/2 MS, 4 x COM3 x RS-232, 1 X RS-232/422/485, 1 x LPT, 1 x IrDA
- Ethernet: Realtek 8110SBL Gigabit LAN Controller (10/100/1000 Mb)
- Audio: VIA HD Codec VT1708 Amplifier Phone jack x 2
- USB: USB x 2 (Pin Header) USB x 4 (connector)
- KB / Mouse: 2 x PS/2 ports (For keyboard and mouse)
- VGA: 1 x DB-15 VGA interface
- Power Connector: DC 19~24V input

### Display

- Chipset: Integrated in VIA CX700 North Bridge controller
- Memory Size: Max. up to 128 MB frame buffer sharing system memory
- Resolution: Supports 18/24-bit FPD Interface with external LVDS transmitter chip using single or double-data rate data transfer supports panel resolutions up to 1600 x 1200
- Output Interface: CRT display interface with 24-bit true-color RAMDAC up to 350 MHz Pixel rate with gamma correction capabilities supports CRT resolutions up to 1920 x 1440

MB



Noter All Specifications are subject to change without prior notice!

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