

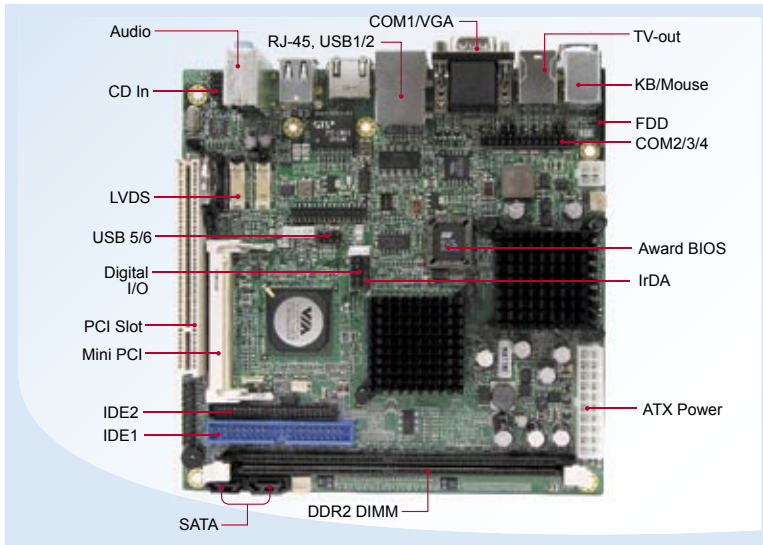
IPC Motherboards



MB770 **NEW**

VIA Eden-V4 / C7 Mini-ITX Motherboard w/ VIA CN700 Chipset

VIA Eden™-V4/C7™-Based



>> Features

- Embedded Via Eden™-V4 / C7™ processor
Up to 2.0GHz, 400/533MHz FSB
- DDR2 DIMM x 1, Max. 1GB
- Integrated VGA, support 18-bit/24-bit dual channel LVDS
- 10/100 LAN1 on board, optional Gigabit LAN
- 6 x USB 2.0, 2 x SATA ports
- 4 COM ports, IrDA, Watchdog timer
- 1 x PCI, 1 x Mini PCI slot, optional TV-out

System

CPU	VIA Eden™-V4 / C7™, up to 2.0GHz
System Memory	DDR2 DIMM x 1, Max. 1GB
System Chipset	VIA CN700 + VT8237R+, 400/533MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	1 PCI, 1 Mini PCI

Graphics

VGA Controller	VIA CN700 integrated
VGA Memory	Shared memory Max. 64MB
LCD Interface	VIA VT1636 for 18-bit or 24-bit dual channel LVDS

Ethernet

Controller	VIA VT8237R+ built-in 10/100 and optional Realtek RTL8110S-32-LF Gigabit LAN
Connector	1 or 2 RJ-45 on board

Multi I/O

Chipset	Winbond W83697HG + Fintek F81216D 2x IDE (UDMA33/66/100/133), 1x FDD, 1x KB, 1x Mouse, 4x RS-232, 2x SATA (RAID 0.1)
USB	6 ports on board
Audio	VIA VT8237R+ built-in audio + AC97 codec
Others	ATX power connector

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	VIA Eden™ 1GHz w/ 1GB DDR2 +5V: 2.1A +12V: 0.77A +3.3V: 0.83A +5Vsb: 0.98A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-68°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

MB770	VIA Eden™-V4 400MHz, CN700 chipset, Mini-ITX w/ 10/100 LAN, Mini PCI, SATA
MB770F	VIA Eden™-V4 1.0GHz, CN700 chipset, Mini-ITX w/ 10/100, Gigabit LAN, Mini PCI, SATA, TV Out
MB770-C15	VIA C7 1.5GHz, CN700 chipset, Mini-ITX w/ 10/100 LAN, Mini PCI, SATA
ID393*	DVI daughter card with VIA VT1632A (DVI edge connector to be located above the USB stack connector)

Remarks:

* When ID393 is used, dual independent display (DVI + LVDS extension mode) is not supported. Mirror mode is supported (DVI and LVDS with same display); DVI / LVDS single display is supported.

* Add (-R) after the model name for RoHS-compliant version when ordering.

Motherboards

For user's manual & datasheet download, visit www.ibase.com.tw