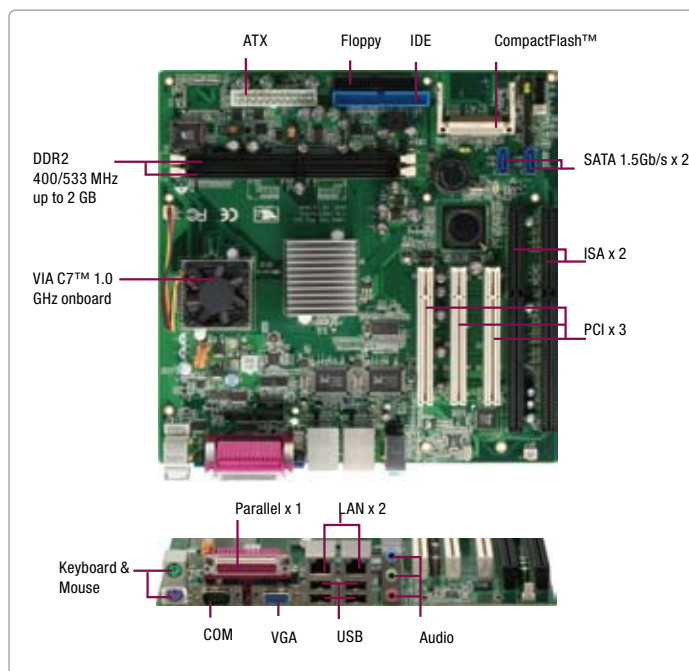


# IMBM-700

Industrial Motherboard With VIA C7™/ Eden™ Processor



## Features

- VIA C7™/ Eden™ Processor, Up To 2.0 GHz
- VIA CN700
- DDR2 400/533 Memory (Up To 2 GB)
- 10/100Base-TX x 1 & Gigabit Ethernet x 1 (x 2 Optional)
- Enhanced Integrated Graphics, VGA Support
- Ultra ATA100 x 1, SATA 1.5Gb/s x 2, CompactFlash™ Type 2 x 1
- USB2.0 x 8, COM x 4, Parallel x 1, IrDA x 1
- ISA x 2, PCI x 3
- PCI/ISA



## Specifications

System	
Form Factor	Micro-ATX Motherboard
Processor	VIA C7™/Eden™ CPU, up to 2.0 GHz (FSB400/800 MHz) Onboard C7 1.0 GHz (FSB 400 MHz)
System Memory	240-pin 1.8v DDR2 400/533 DIMM Socket x 2, up to 2 GB
Chipset	VIA CN700 + VT8237R+
Ethernet	10/100 & 10/100/1000Base-TX (optional), RJ-45 x 2 LAN1: Realtek 8100C LAN2: Realtek 8110SC/8100C Co-layout
BIOS	Award Plug & Play Flash BIOS – 512 Kb ROM
H/W Status Monitoring	CPU Fan, temperature, Power Supply Voltage
Expansion Interface	PCI x 3, ISA x 2
Watchdog Timer	1~255 steps, can be set with software on Super I/O
RTC	Internal RTC
Battery	Lithium Battery
Power Requirement	ATX Standard 24-pin connector x 1
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Board Size (L x W)	9.6" x 9.6" (244mm x 244mm)
Gross Weight	0.66lb (0.3 Kg)
MTBF	—
Display	
VGA Controller	Enhanced Integrated Graphics
Memory	Shared memory up to 64 MB
Resolutions	1920 x 1440 for CRT
I/O	
Storage	SATA 1.5Gb/s (RAID optional) x 2, IDE x 1 CompactFlash™ Type 2 x 1 Standard FDD x 1, supports floppy device x 1
Serial Port	COM x 4: (Internal Pin Header x 3, External D-sub x 1) COM 1, 3, 4: RS-232 COM 2: RS-232/422/485
Parallel Port	Supports SPP/EPP/ ECP modes
Universal Serial Bus	USB2.0 x 8 5x2 pin header for internal x 4 TYPE-A Connector onboard x 4
PS/2 Port	Keyboard x 1, Mouse x 1
Digital I/O	4 in and 4 out
Audio	Realtek AC97 Codec, MIC-in/Line-in/Speaker-out
IrDA	IrDA Tx/Rx header x 1

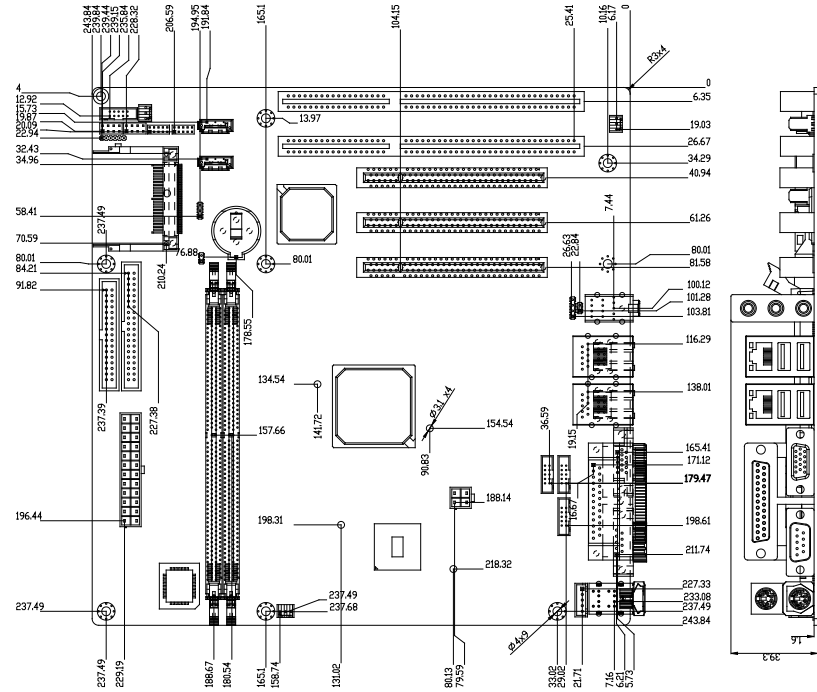
## Packing List

- 1701340704  
Floppy Cable
- 1701400453  
ATA-100 Cable
- 1701100340  
Serial Cable
- 1709100201  
USB Cable With Bracket
- 1709070800  
SATA Cable
- Product CD
- IMBM-700

# IMBM-700

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	Fan/Fanless	Storage	Display	LVDS	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Power	Temp.
TF-IMBM-700-A10-EG	Socket	DDR2 2G	Fan	SATA x 2, IDE x 1, CF x 1, FDD x 1	VGA	—	FE x 1	8	3	1	ISA x 2, PCI x 3	ATX	0°C ~ 60°C