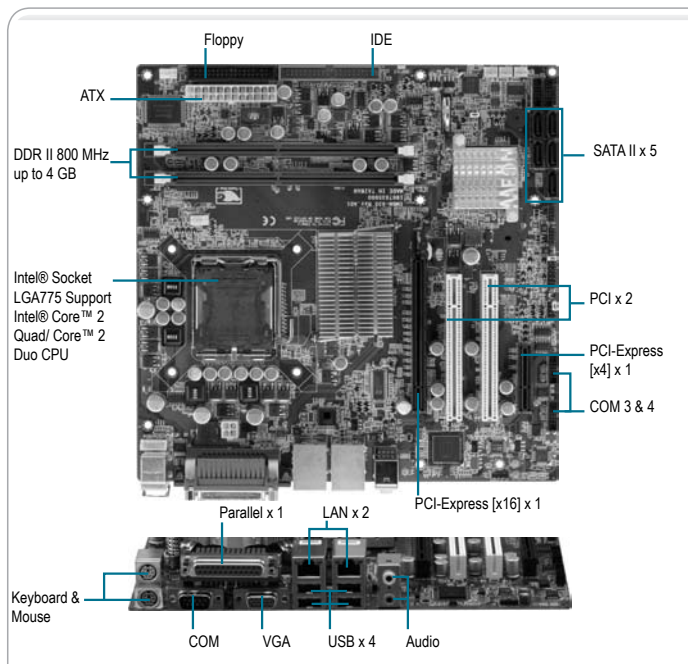


Industrial Motherboard With Intel® Core™ 2 Quad/ Core™ 2 Duo Processor



Features

- Intel® Core™ 2 Quad/ Core™ 2 Duo LGA775 CPU, FSB 800/1066/1333 MHz
- Intel® Q35 Chipset
- DDRII 800/667 MHz Memory Support Up To 4 GB
- 10/100Base-TX Ethernet & Gigabit Ethernet x 2 (Optional)
- Integrated Intel® Enhanced Graphics Core, VGA Support
- 2CH Audio
- SATA II x 5
- USB2.0 x 8, RS-232/422/485 x 1, RS-232 x 3, Parallel x 1, IrDA x 1
- PCI-E [x16] x 1, PCI-E [x4] x 1, PCI x 2 Expansions
- Watchdog Function 1~255 Sec.
- ATX 2.1



Specifications

System	
Form Factor	uATX Motherboard Board
Processor	Intel® Core™ 2 Quad/ Core™ 2 Duo LGA775 CPU FSB 800/1066/1333 MHz
System Memory	240-pin DIMM Socket x 2, up to 4 GB DDR II 667/800 Dual-channel Support
Chipset	Intel® Q35 + ICH9R (ICH9DO optional)
Ethernet	PCI-Express [x1] 10/100Base-TX & 10/100/1000Base-TX (optional), RJ-45 x 2 LAN1: Dual Footprint support option Intel® 82566 10/100/1000Base-TX Intel® 82562 10/100Base-TX LAN2: Intel® PCI-E controller 82573
BIOS	Award Plug & Play SPI Flash BIOS – 16 Mb ROM
H/W Status Monitoring	CPU Fan, temperature, PSU voltage
Expansion Interface	PCI x 2, PCI-Express [x4] x 1, PCI-Express [x16] x 1
Watchdog Timer	1~255 step, can be set with software on Super I/O
RTC	Internal RTC
Battery	Lithium Battery
Power Requirement	ATX 2.1
Power Consumption (Typical)	65W w/Intel® E6400 CPU
Operating Temperature	32°F~ 140°F (0°C ~ 60°C)
Board Size	9.6" (L) x 9.6" (W) (244mm x 244mm)
Gross Weight	0.66 lb (0.3 Kg)
MTBF (Hours)	50,000
Display	
VGA Controller	Enhanced Integrated Graphics 3100
Memory	Shared memory up to 256 MB
Resolutions	Up to 2048 x 1536 at 85MHz for CRT
LCD Interface	—
I/O	
Storage	IDE x 1 with JMicron JM20330, SATA II x 5 (RAID optional) Standard FDD x 1, supports one floppy device only
Serial	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	Supports SPP/EPP/ ECP modes
Universal Serial Bus	USB2.0 x 8, 5x2 pin-header for internal x 2, TYPE-A Connector onboard x 4

PS/2 Port	Mini-DIN PS/2 K/B and Mouse x 1 Internal keyboard pin header x 1
Digital I/O	4 in and 4 out
Audio	MIC-in, Line-out
IrDA	IrDA Tx/Rx header x 1

Packing List

- 1701340704
Floppy Cable
- 1701400453
ATA-100 Cable
- 1701200301
COM Port Cable
- M209350000
I/O Shield
- 1701100305
Serial Cable
- 1709100201
USB Cable w/ Bracket
- 1709070800
SATA Cable
- Quick Installation Guide
- Utility CD-ROM
- IMBM-935

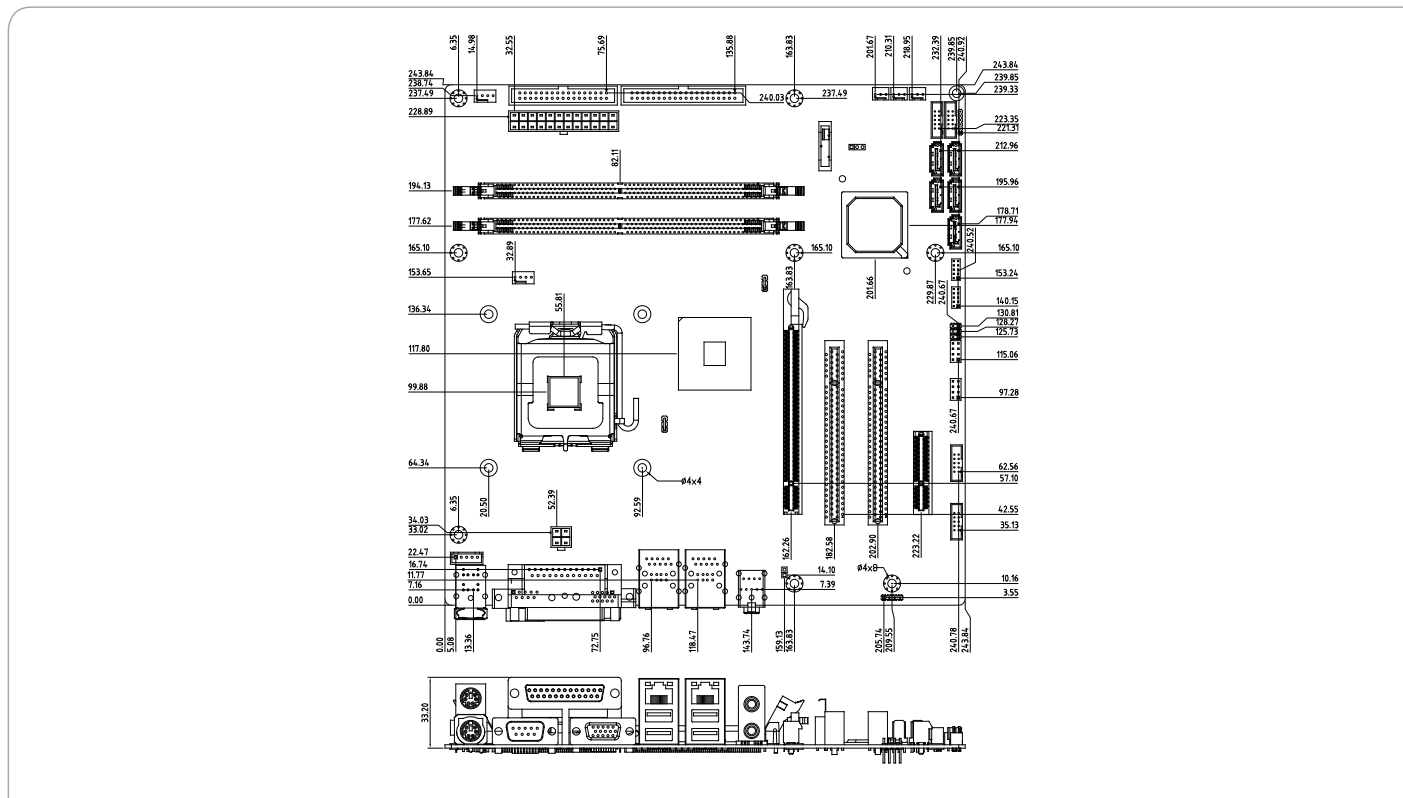
Ordering Information

- **TF-IMBM-935-A10-VE**
Industrial uATX Motherboard, LGA775, Core™ 2 Quad/ Core™ 2 Duo CPU, VGA, 1 10/100Base-TX, CompactFlash™, 2 PCI, 1 PCI-E [x4], 4 SATA II, RAID, Rev A1.0
- **TF-IMBM-935-A10-VG**
Industrial uATX Motherboard, LGA775, Core™ 2 Quad/ Core™ 2 Duo CPU, VGA, 1 Gigabit Ethernet, CompactFlash™, 2 PCI, 1 PCI-E [x4], 4 SATA II, RAID, Rev A1.0
- **TF-IMBM-935-A10-G2**
Industrial uATX Motherboard, LGA775, Core™ 2 Quad/ Core™ 2 Duo CPU, VGA, 2 Gigabit Ethernet, CompactFlash™, 2 PCI, 1 PCI-E [x4], 4 SATA II, RAID, Rev A1.0

IMBM-935

Dimension

Unit: mm



Optional Accessories

- **1759200169**
CPU Cooler Fan for LGA 775 CPU, Top 95W, 2~4U
- **1759200335**
CPU Cooler Fan for LGA 775, 65W, 1U

Chassis Options

Model Name	Description
TF-AMC-280M-W	Wallmount 8-slot Chassis Bare for Motherboard, PS2 Power, PS_SW (ATX), Color: White
TF-ARC-645M	Rackmount 4U Chassis Bare, for Motherboard, PS2 Power, PS_SW (ATX), Black