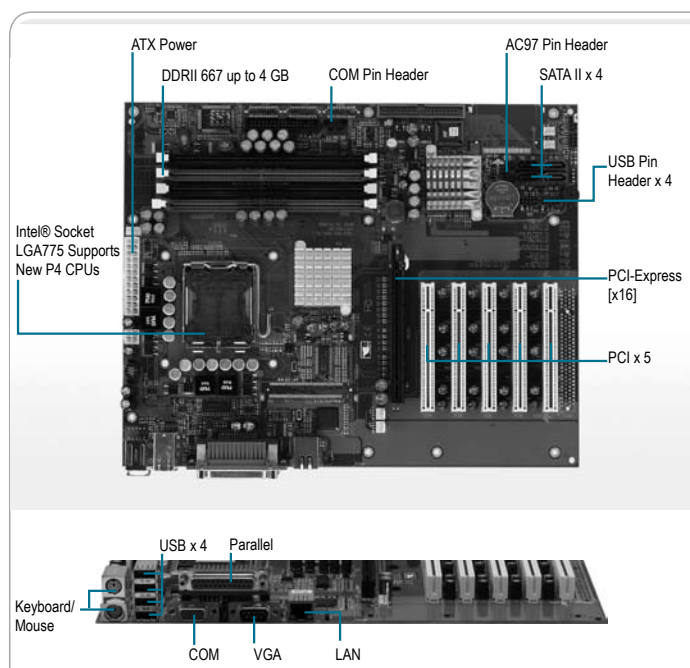


■ Industrial Motherboard With Intel® Core™ 2 Duo/ Pentium® 4/ Celeron® D Processor



Specifications

System	
Form Factor	Standard ATX Form Factor
Processor	Intel® Core™ 2 Duo/ Pentium® 4/ Celeron® D; LGA775 CPU, FSB: 533/800/1066 MHz
System Memory	240-pin DIMM Socket x 4, up to 4 GB DDRII 533/667 Dual-channel Support
Chipset	Intel® 945G + Intel® 82801GB (ICH7)/ ICH7R (optional)
Ethernet	Intel® 82562EZ controller 10/100Base-TX, RJ-45 x 1
BIOS	Award Plug & Play BIOS – 8 Mb ROM
H/W Status Monitoring	CPU Fan speed, temperature, PSU voltage
Expansion Interface	PCI-Express [x16] x 1, PCI x 5
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)	95W, with Pentium® D 3.2 GHz
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Board Size	12" (L) x 9.6" (W) (304.8mm x 243.8mm)
Gross Weight	0.66 lb (0.3 Kg)
MTBF (Hours)	50,000
Display	
VGA Controller	Enhanced Integrated Graphics GMA950
Memory	Shared memory up to 184 MB
Resolutions	1600 x 1200@36-bit colors for CRT
I/O	
Storage	ATA-100 x 1 channel SATA II x 4 CompactFlash™ Type II x 1 (optional) Standard FDD x 1, supports up to two floppy devices
Serial Port	COM x 2: (Internal Pin Header x1 , External D-sub x 1) COM 1, 2: RS-232/422/485
Parallel Port	Supports SPP/ EPP/ ECP modes
Universal Serial Bus	USB2.0 x 8 5 x 2 pin-header for internal x 4 Type-A connector onboard x 4
PS/2 Port	Keyboard x 1; Mouse x 1
Audio (Daughter Board)	AC 97 pin-header (PER-U00A: Audio Daughter Board optional)
IrDA	IrDA Tx/Rx Header x 1

Features

- Intel® Core™ 2 Duo/ Pentium® 4/ Celeron® D LGA775 CPU (533/800/1066 MHz FSB)
- Intel® 945G Chipset
- DDRII 533/667 Memory, Up To 4 GB
- 10/100Base-TX Ethernet x 1
- Integrated GMA950 2D/3D Graphics Accelerator, VGA Support
- AC97 Audio Daughter Board (Optional)
- Ultra ATA100 x 1, SATA II x 4, CompactFlash™ Type II x 1
- USB2.0 x 8, COM x 2, Parallel x 1, IrDA x 1
- PCI, PCI-Express Expansions
- Watchdog Function 1~255 Sec.
- ATX 2.1



Packing List

- 1701340704
Floppy Cable
- 1701400453
IDE Cable
- 1701100305
COM Port Cable
- 1709070800
SATA Cable
- 1759200161
CPU Cooler Fan, for LGA775 Pentium® 4 3.6G, 4P, 12V, Dual ball bearing, LGA-775-91502
- Quick Installation Guide
- Utility CD-ROM
- IMBA-880

Ordering Information

- TF-IMBA-880-B10-VE
Industrial Motherboard, Socket 775 Core™ 2 Duo Processor, VGA, 1 10/100Base-TX Ethernet, Rev B1.0

Optional Accessories