

Specification

Now, Carry More...

TXPROM

- Supports 75~233 MHz Pentium™ P54C/ P55C, IBM/Cyrix 6x86/6x86L/6x86MX (M2), AMD K5/K6, and IDT C6 CPUs
- Supports 64M-bit (16Mx4, 8Mx8, 4Mx16) DRAM/SDRAM technology
- Provides switching power from 2.2V to 3.5V CPU core voltage
- Provides four FPM/EDO SIMM and two FPM/EDO/SDRAM DIMM that DIMM and SIMM can be installed in any combinations up to 384MB
- Supports 512KB onboard Pipelined Burst synchronous cache
- Provides two ISA Bus slots and four PCI Local Bus slots
- System BIOS supports ChipAway Virus designed by Trend that
 - Guarantees a virus-free boot and a virus-free operating system
 - Guards against viruses hidden in preinstalled software and pre-shipped products
 - Offers built-in, hardware-based protection(no installation/configuration worries)
 - Detects known and unknown boot viruses using Trend Micro's patented rule-based technology (no after service required)
- Provides PC-cillin that supports Macro Trap automatically detects and cleans all word macro viruses; Continuous protection from all possible virus sources; Up-to-the-minute virus news and information; Automatic on-line pattern fileupdates; NCSA certified
- Supports Ultra DMA/33 and ACPI
- Onboard super Multi-I/O chip that compliant to PC 97 & PC 98 supports two serial ports with 16550 Fast UART compatible, one parallel port with EPP and ECP capabilities, and one floppy disk drive interface which data transfer rate is 1Mb/s
- Provides PS/2 mouse pin header
- Provides ATX Form Card containing PS/2 mouse, USB x 2, and Infrared, (optional)
- Onboard Sound Pro supports:
 - Sound Blaster 16/PRO compatible with stereo voice up to 48KHz sampling rates, HRTF 3D Positional Audio Technology;
 - Windows Sound System V2.0 compatible, Accelerates Direct Sound 3D in Win95, and Windows 95/31 & DOS drivers supported;
 - Supports 44.1K digital audio(SPDIF)IN/OUT, HSP-23 Wavetable synthesizer, Full Duplex 16-bits CODEC with filters, and High quality 3D sound(ON/OFF controllable);
 - Device supports SB16, WSS, and Game;
 - Stereo Mixer supports analog mixing form CD-Audio & Line-In, supports digital mixing from Voice, FM/Wave-table & digital CD-Audio.

Jumper Settings

The information presented in this publication has been carefully checked for reliability ; however, no responsibility is assumed for inaccuracies.
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























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JP6(A,B,C,D,E,F): CPU Core Voltage Jumpers

	Settings							Settings							Settings					
3.5V							2.9V							2.2V						
	A	B	C	D	E	F		A	B	C	D	E	F		A	B	C	D	E	F
3.3V							2.8V													
	A	B	C	D	E	F		A	B	C	D	E	F							
3.2V							2.5V													
	A	B	C	D	E	F		A	B	C	D	E	F							

JP9: CPU Type Jumpers

CPU	Settings	Example
P55C (Dual Voltage)	A B 1	Intel™ MMX™ , AMD K6, IBM/Cyrix 6x86L/ 6x86MX(M2)
P54C (Single Voltage)	A B 1	Intel P54C, AMD K5, IBM/Cyrix 6x86, IDT C6

J6: Microphone Type Selector

Description	Setting
Special	
Normal	

JP2: DIMM Module Voltage Jumpers



Description	Settings
For SDRAM DIMM Module(3.3V)	5V 3.3V A B
For EDO DRAM/Fast Page DRAM DIMM Module(5V)	5V 3.3V A B

JP10: SoundPro Jumpers



Description	Setting
Enable	
Disable	

Jumper Settings

JP1: CMOS RAM Clear Jumpers

Description	JP1
Normal Mode	1 
Clear CMOS	1 

JP3(D): PCI Jumpers

PCI Clock	JP3
CPU CLK/2	<div>1</div>  <div>D</div>
33MHz	<div>1</div>  <div>D</div>

JP3(A, B, C): CPU Speed Jumpers

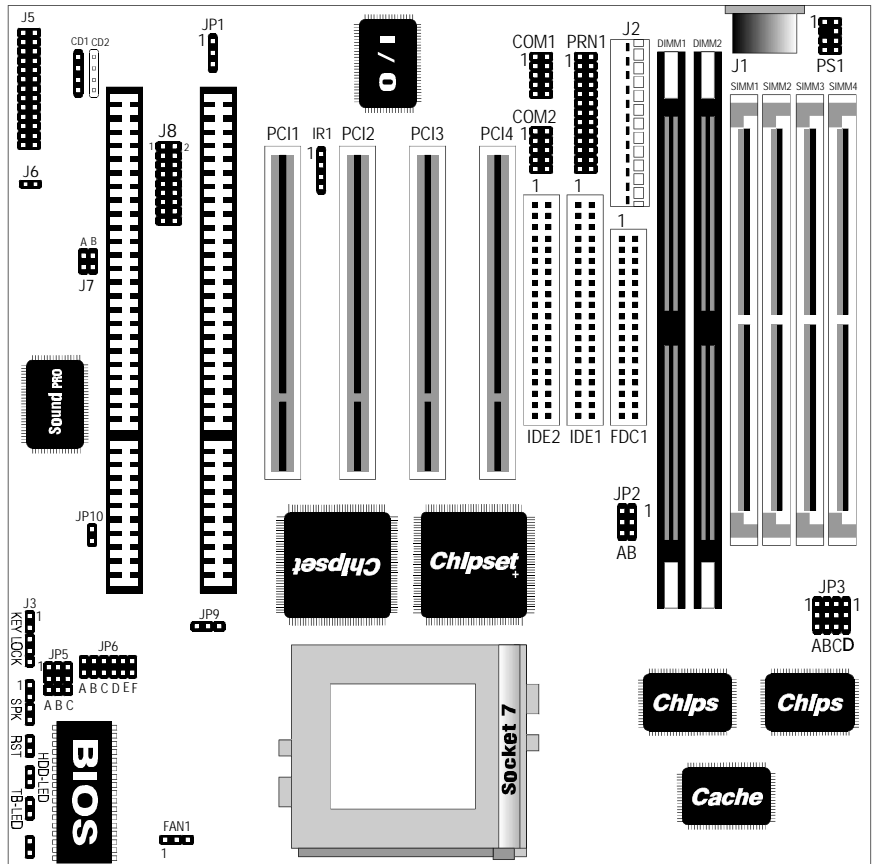
CPU Clock	JP3
50MHz	<div>1</div> <div>A B C</div>
55MHz	<div>1</div> <div>A B C</div>
60MHz	<div>1</div> <div>A B C</div>
66MHz	<div>1</div> <div>A B C</div>
75MHz	<div>1</div> <div>A B C</div>
83MHz	<div>1</div> <div>A B C</div>

JP5: CPU Internal Clock Speed Jumpers

IDT	Intel	Cyrix	AMD	JP5
Reserved	1.5X / 3.5X	Reserved	K5 1.5X / K6 3.5X	<div> <p>A B C</p> </div>
Reserved	2.0X	2.0X	Reserved	<div> <p>A B C</p> </div>
Reserved	2.5X	M2 2.5X	2.5X	<div> <p>A B C</p> </div>
C6 3.0X	3.0X	M2 3.0X	K6 3.0X	<div> <p>A B C</p> </div>
Reserved	4.0X	Reserved	4.0X	<div> <p>A B C</p> </div>
Reserved	4.5X	Reserved	4.5X	<div> <p>A B C</p> </div>

Note: If system run in 75/83 MHz, JP3(D) must be set to 33MHz position.

Component Locations



Quick Installation Guide

1. Set JP1 to CMOS RAM discharge jumper (pin 1-2)
2. Set JP3 to select CPU speed
3. Set JP5 to select CPU Internal Clock Speed
4. Set JP6(A, B, C, D, E, F) to select CPU Core Voltage
5. Insert CPU to CPU socket
6. Set JP9 to select P54C or P55C CPU
7. Insert SIMM modules into SIMM1-4 and/or insert DIMM modules into DIMM1-2, notice that DIMM2 and SIMM1, 2 can not be installed at the same time
8. Set JP2 to select voltage of DIMM module (if DIMM installed).
9. Install mainboard into system chassis
10. Connect keyboard to J1
11. Insert the display card and other peripheral cards (if required) onto the mainboard
12. Connect harddisk(s) to IDE primary/secondary connector(s)
13. Connect floppy drive(s) to FDC1 connector
14. Connect serial port to COM1 and COM2 connectors
15. Connect parallel port to PRN1 connector
16. Insert ATX Form Card and Connect to J8 (if required)
17. Connect CD1/CD2 to "AUDIO" on the CD-ROM drive.
18. Connect J7(A) to "DIGITAL AUDIO" on the CD-ROM drive (if CD-ROM supported).
19. Connect J5 to the Game & Sound ribbon cable/bracket.
20. Connect J3(HDD-LED) to "Hard Disk Busy" LED on the system chassis
21. Connect J3(TB-LED) to Turbo LED on the system chassis
22. Connect J3(RST) to Reset Switch on the system chassis
23. Connect J3(SPK) to Speaker on the system chassis
24. Connect J3(KEYLOCK) to keylock and power LED on the system chassis
25. Connect power cord to J2 Power Supply Connector
26. Close system chassis, connect all external cables to your computer.

Connectors

COM1/2: Serial Port #1/#2

PRN1: Parallel Port

FDC1: Floppy Disk Port

IDE1/IDE2: Primary/Secondary IDE Ports

J1: Keyboard Connector

J2: Power Supply Connector

J3(KEYLOCK): Keylock & Power LED Connector

J3(SPK): Speaker Connector

J3(RST): Reset Switch Connector

J3(HDD-LED): Hard Disk LED Connector

J3(TB-LED): Turbo LED Connector

PS1: PS/2 Mouse Pin Connector

J8: ATX Form Card Connector

J7(A/B): Digital Audio IN/OUT Connector

CD1/CD2: Analog Audio for Sony/Panasonic Connector

FAN1: CPU Fan Connector

J5: Sound and Game Connector

Sound contains Line-in, MIC(Microphon), and Line-out(Speaker).

Game connector is also the Joystic connector.

Please connect this connector to the Sonnd & Game ribbon cable/bracket as follows:

