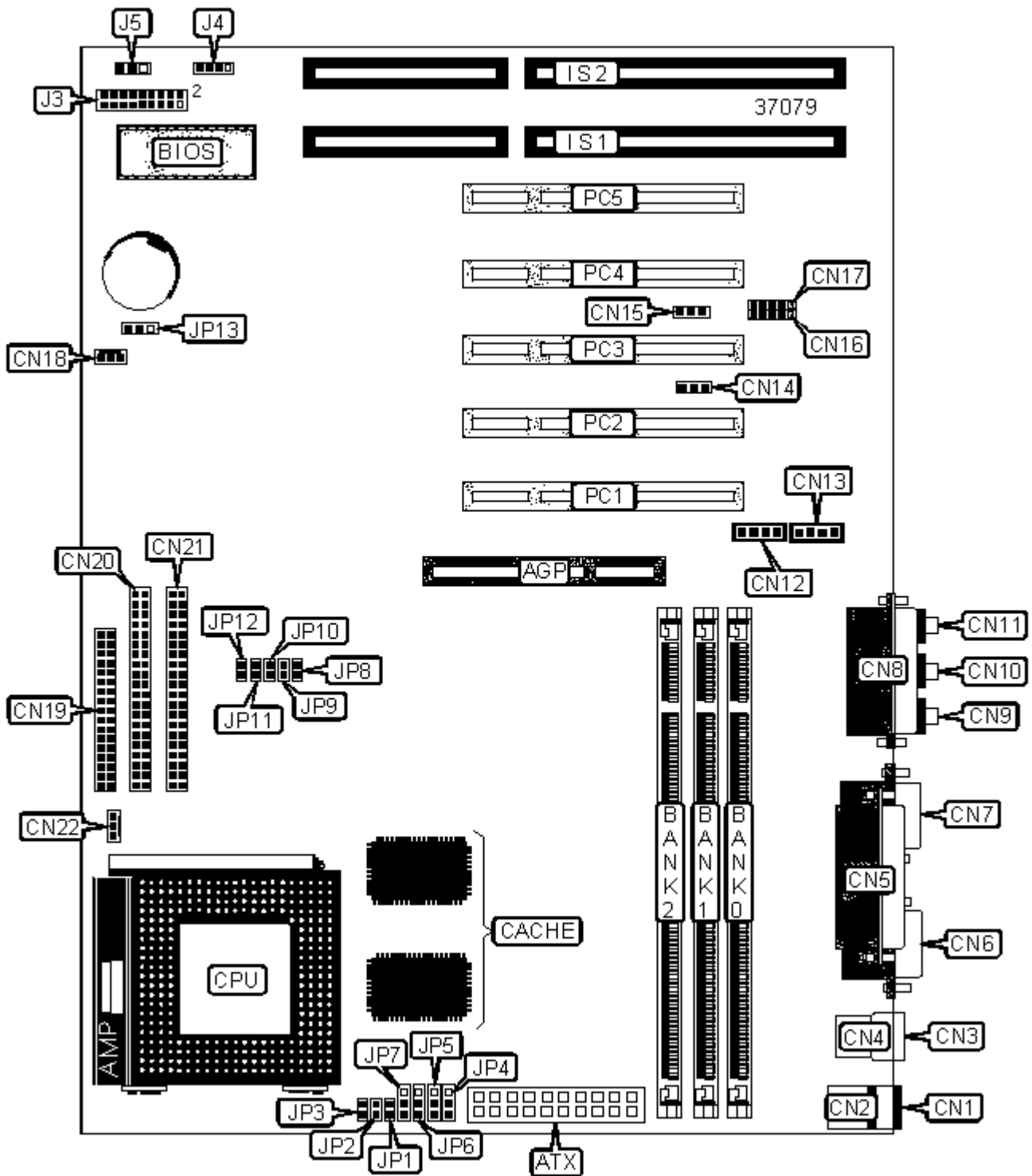


TYAN COMPUTER CORPORATION

S1598

Device Type	Mainboard
Processor	CX 6x86MX/CX MII/AM K6/AM K6-2/AM K6-III/IDT C6/IDT C6+/Pentium/Pentium MMX
Processor Speed	120/133/150/166/200/225/233/266/300/333/350/366/380/400/450/475MHz
Chip Set	VIA
Audio Chip Set	VIA
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Maximum Audio Memory	Unidentified
Cache	512KB/1MB/2MB
BIOS	Award
Dimensions	305mm x 211mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (5), AGP slot, ATX power connector, audio in - CD ROM, floppy drive interface, game/MIDI port, green PC switch, IDE interfaces (2), IR connector, line in, line out, microphone in, parallel port, PS/2 keyboard port, PS/2 mouse port, serial ports (2), USB interfaces (2), USB ports (2), video in, Wake-on-LAN connector, Wake-on-modem connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	USB interface	CN17
ATX power connector	ATX	System fan power	CN18
PS/2 keyboard port	CN1	Floppy drive interface	CN19
PS/2 mouse port	CN2	IDE interface 1	CN20

USB port 1	CN3	IDE interface 2	CN21
USB port 2	CN4	CPU fan power	CN22
Parallel port	CN5	IDE interface LED	J3/Pins 1 & 3
Serial port 1	CN6	Power LED	J3/Pins 2 & 4
Serial port 2	CN7	Reset switch	J3/Pins 5 & 7
Game/MIDI port	CN8	Power switch	J3/Pins 6 & 8
Line out	CN9	IR connector	J3/Pins 9, 11, 13 & 15
Line in	CN10	Keylock	J3/Pins 10 & 12
Microphone in	CN11	Green PC switch	J3/Pins 14 & 16
Video in	CN12	ACPI Bi-color LED connector	J5
Audio in - CD ROM	CN13	Speaker	J4
Wake-on-LAN connector	CN14	16-bit ISA slots	IS1 - IS2
Wake-on-modem	CN15	32-bit PCI slots	PC1 - PC5
USB interface	CN16		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP13	Pins 1 & 2 closed
	CMOS memory clear	JP13	Pins 2 & 3 closed
	Memory clock runs at CPU clock speed	JP7	Pins 1 & 2 closed
	Memory clock runs at AGP bus speed	JP7	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64

32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board supports EDO & SDRAM memory.
 Note: Board will not accept Registered DIMMs.

CPU MULTIPLIER SELECTION			
Multiplier	JP1	JP2	JP3
2.5x	On	On	Off
3.0x	Off	On	Off
3.5x	Off	Off	Off
4.0x	On	Off	On
4.5x	On	On	On
5.0x	Off	On	On
5.5x	Off	Off	On

Note: Designated pins should be in the closed position.

CPU BUS SPEED SELECTION			
Bus Speed	JP4	JP5	JP6
60MHz	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
66MHz	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
75MHz	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
83MHz	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
95MHz	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
100MHz	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2

Note: Designated pins should be in the closed position.

CPU CORE VOLTAGE SELECTION (DUAL)					
Voltage	JP8	JP9	JP10	JP11	JP12
1.3V	Off	Off	Off	Off	On
1.4V	Off	On	Off	Off	On
1.5V	Off	Off	On	Off	On

	1.6V	Off	On	On	Off	On
	1.7V	Off	Off	Off	On	On
	1.8V	Off	On	Off	On	On
	1.9V	Off	Off	On	On	On
	2.0V	Off	On	On	On	On
	2.1V	On	Off	Off	Off	Off
»	2.2V	Off	On	Off	Off	Off
	2.3V	On	On	Off	Off	Off
	2.4V	Off	Off	On	Off	Off
	2.5V	On	Off	On	Off	Off
	2.6V	Off	On	On	Off	Off
	2.7V	On	On	On	Off	Off
	2.8V	Off	Off	Off	On	Off
	2.9V	On	Off	Off	On	Off
	3.0V	Off	On	Off	On	Off
	3.1V	On	On	Off	On	Off
	3.2V	Off	Off	On	On	Off
	3.4V	Off	On	On	On	Off

CPU CORE VOLTAGE SELECTION (SINGLE)

Voltage	JP8	JP9	JP10	JP11	JP12
3.3V	On	Off	On	On	Off
3.5V	On	On	On	On	Off