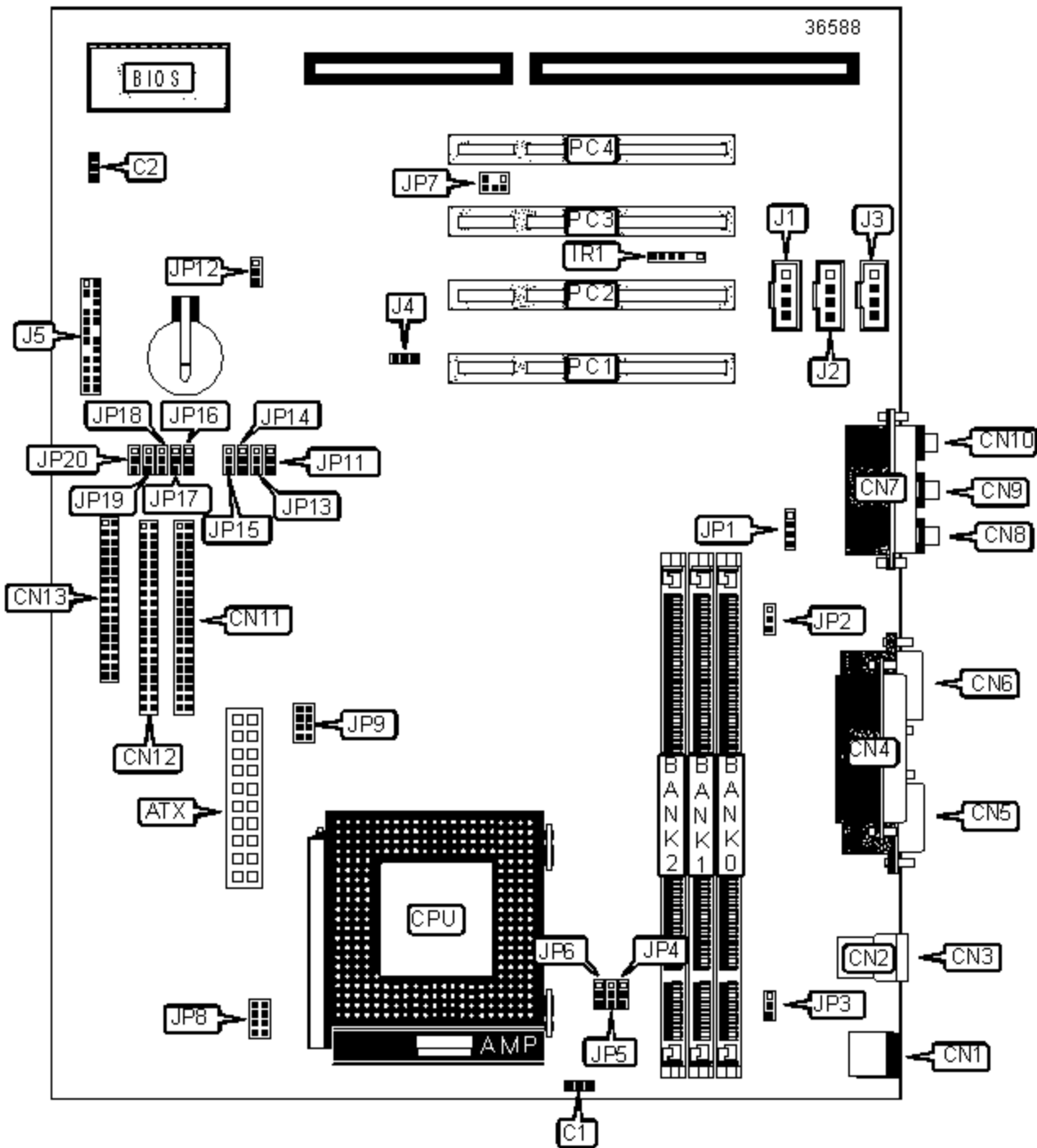


CHAINTECH COMPUTER COMPANY, LTD.

CT-5SSV

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/CX M2/ AM K6/AM K6-2/AM K6III/Pentium/Pentium MMX/IDT C6/IDT Winchip 2
Processor Speed	166/180/200/225/233/240/250/266/300/333/350/366/400/450MHz
Chip Set	SIS
Video Chip Set	SIS
Audio Chip Set	ESS
Maximum Onboard Memory	384MB (SDRAM supported)
Maximum Video Memory	8MB
Maximum Audio Memory	Unidentified
Cache	512/1024KB
BIOS	Award
Dimensions	244mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, game port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial port, IR connector, USB ports (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROM, SB-Link, Wake-on-LAN connector, Modem telephony connector, VGA port, Auxillary in



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	IR connector	IR1
CPU fan power	C1	Modem telephony connector	J1
System fan power	C2	Aux-in connector	J2
PS/2 mouse port	CN1	Audio in - CD-ROM	J3
USB port 1	CN2	Wake-on-LAN connector	J4
USB port 2	CN3	Turbo LED	J5/Pins 1 & 2

Parallel port	CN4	Green PC connector	J5/Pins 4 & 5
Serial port 1	CN5	Green PC LED	J5/Pins 6 & 7
VGA port	CN6	Reset switch	J5/Pins 9 & 10
Game port	CN7	IDE interface LED	J5/Pins 11 & 12
Line out	CN8	Over-ride power connector	J5/Pins 13 & 14
Line in	CN9	Speaker	J5/Pins 15-18
Microphone in	CN10	Power LED & keylock	J5/Pins 20-24
IDE interface 1	CN11	SB-Link	JP7
IDE interface 2	CN12	32-bit PCI slots	PC1 - PC4
Floppy drive interface	CN13		

USER CONFIGURABLE SETTINGS

Function		Label	Position
	Volume selection up	JP1	Pins 1 & 2 closed
	Volume selection down	JP1	Pins 3 & 4 closed
	On-board VGA enabled	JP2	Pins 1 & 2 closed
	On-board VGA disabled	JP2	Pins 2 & 3 closed
»	Keyboard power-on disabled	JP3	Pins 1 & 2 closed
	Keyboard power-on enabled	JP3	Pins 2 & 3 closed
»	Core voltage not equal to I/O voltage	JP8	Open
	Core voltage equal to I/O voltage	JP8	Closed
	I/O voltage not equal to ATX power source	JP9	Open
	I/O voltage equal to ATX pwer source	JP9	Closed
»	CMOS memory normal operation	JP12	Pins 2 & 3 closed
	CMOS memory clear	JP12	Pins 1 & 2 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
16MB	(1) 2M x 64	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M 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
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
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) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board supports SDRAM memory.

CACHE CONFIGURATION

Note: Location and configuration of cache memory is unidentified.

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
166MHz	66MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2

200MHz	75MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
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Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (CX 6X86L CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
166MHz	66MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2
200MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2
233MHz	75MHz	2.5x	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	2 & 3	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (CX MII)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
300MHz	66MHz	3.5x	2 & 3	2 & 3	2 & 3	1 & 2
300MHz	75MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (CX MII CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
300MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2
300MHz	75MHz	3x	1 & 2	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
166MHz	66MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
166MHz	66MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2

200MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2
200MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2
233MHz	75MHz	2.5x	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	2 & 3	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
166MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3.5x	2 & 3	2 & 3	2 & 3	1 & 2
266MHz	66MHz	4x	2 & 3	2 & 3	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (AM K6 CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2

233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2
266MHz	66MHz	4x	2 & 3	1 & 2	2 & 3
Note: Designated pins should be in the closed position.					

CPU SPEED SELECTION (AM K6-2)						
CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
266MHz	66MHz	4x	2 & 3	2 & 3	2 & 3	1 & 2
300MHz	100MHz	3x	2 & 3	2 & 3	1 & 2	1 & 2
333MHz	95MHz	3.5x	1 & 2	1 & 2	2 & 3	1 & 2
350MHz	100MHz	3.5x	2 & 3	2 & 3	1 & 2	1 & 2
366MHz	66MHz	5.5x	2 & 3	2 & 3	2 & 3	1 & 2
380MHz	95MHz	4x	1 & 2	1 & 2	2 & 3	1 & 2
400MHz	100MHz	4x	2 & 3	2 & 3	1 & 2	1 & 2
450MHz	100MHz	4.5x	2 & 3	2 & 3	1 & 2	1 & 2
Note: Designated pins should be in the closed position.						

CPU SPEED SELECTION (AM K6-2 CON'T)					
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
266MHz	66MHz	4x	2 & 3	1 & 2	2 & 3
300MHz	100MHz	3x	1 & 2	2 & 3	1 & 2
333MHz	95MHz	3.5x	1 & 2	1 & 2	1 & 2
350MHz	100MHz	3.5x	1 & 2	1 & 2	1 & 2
366MHz	66MHz	5.5x	1 & 2	1 & 2	2 & 3
380MHz	95MHz	4x	2 & 3	1 & 2	2 & 3
400MHz	100MHz	4x	2 & 3	1 & 2	2 & 3
450MHz	100MHz	4.5x	2 & 3	2 & 3	2 & 3
Note: Designated pins should be in the closed position.					

CPU SPEED SELECTION (K6-III)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
400MHz	100MHz	4x	2 & 3	2 & 3	1 & 2	1 & 2
450MHz	100MHz	4.5x	2 & 3	2 & 3	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (K6-III CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
400MHz	100MHz	4x	2 & 3	1 & 2	2 & 3
450MHz	100MHz	4.5x	2 & 3	2 & 3	2 & 3

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
180MHz	66MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2
225MHz	75MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (IDT C6 CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
180MHz	66MHz	3x	1 & 2	2 & 3	1 & 2
225MHz	75MHz	3x	1 & 2	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (IDT WINCHIP 2)

CPU speed	Clock speed	JP11	JP13	JP14	JP15
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250MHz	83MHz	2 & 3	1 & 2	2 & 3	1 & 2
266MHz	66MHz	2 & 3	2 & 3	2 & 3	1 & 2
300MHz	75MHz	1 & 2	2 & 3	2 & 3	1 & 2
300MHz	100MHz	2 & 3	2 & 3	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU MULTIPLIER SELECTION (IDT WINCHIP 2)

Note: Multiplier information for the IDT Winchip 2 is not available.

CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
166MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (PENTIUM CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (PENTIUM MMX)

CPU speed	Clock speed	Multiplier	JP11	JP13	JP14	JP15
166MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3.5x	2 & 3	2 & 3	2 & 3	1 & 2

Note: Designated pins should be in the closed position.

CPU SPEED SELECTION (PENTIUM MMX CON'T)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2

Note: Designated pins should be in the closed position.

CPU CORE VOLTAGE SELECTION

Voltage	JP16	JP17	JP18	JP19	JP20
1.8V	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
2.0V	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
2.2V	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
2.4V	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
2.5V	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
2.8V	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
2.9V	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
3.1V	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
3.2V	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
3.3V	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
3.5V	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2

Note: Designated pins should be in the closed position.