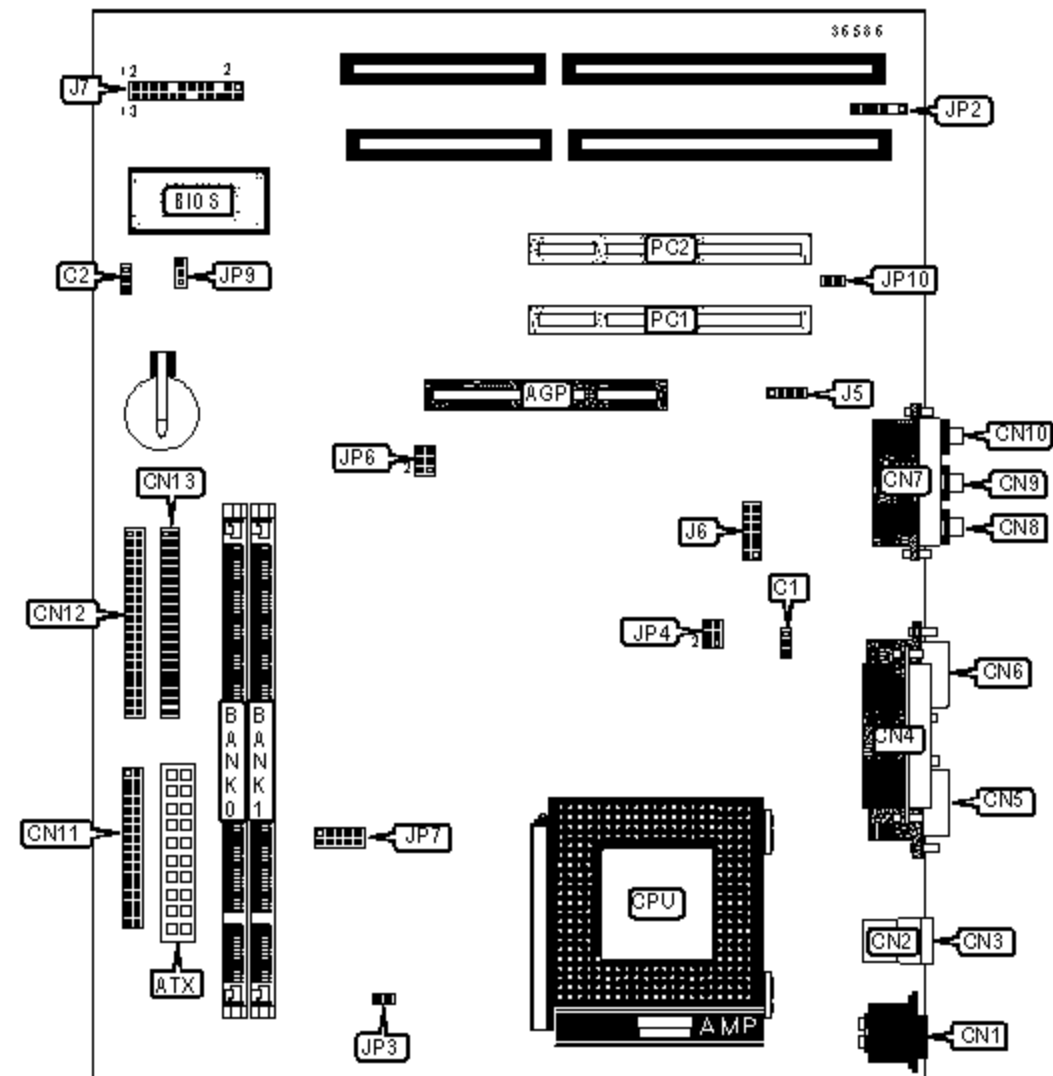


CHAINTECH COMPUTER COMPANY, LTD.

CT-5RSA

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 6X86MX/IBM 6X86MX/CX M2/AM K5/AM K6/AM K6-2/Pentium/Pentium MMX/IDT Winchip C6/IDT Winchip 2
Processor Speed	133/166/180/200/225/233/266/300/333/350MHz
Chip Set	ALI
Audio Chip Set	ESS
Maximum Onboard Memory	256MB (EDO SDRAM supported)
Maximum Audio Memory	Unidentified
Cache	512KB
BIOS	Award
Dimensions	244mm x 190mm
I/O Options	32-bit PCI slots (2), floppy drive interface, game port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROM



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Line in	CN9

ATX power connector	ATX	Microphone in	CN10
Audio in - CD-ROM	J5	Floppy drive interface	CN11
Fan 78 connector	J6	IDE interface 1	CN12
CPU fan power	C1	IDE interface 2	CN13
System fan power	C2	Turbo LED	J7/Pins 1 & 2
PS/2 mouse port	CN1	Green PC connector	J7/Pins 4 & 5
USB connector 1	CN2	Green PC LED	J7/Pins 6 & 7
USB connector 2	CN3	Reset switch	J7/Pins 9 & 10
Parallel port	CN4	IDE interface LED	J7/Pins 11 & 12
Serial port 1	CN5	Over-ride power connector	J7/Pins 13 & 14
Serial port 2	CN6	Speaker	J7/Pins 15-18
Game port	CN7	Power LED & keylock	J7/Pins 20-24
Line out	CN8	IR connector	JP2

USER CONFIGURABLE SETTINGS

Function		Label	Position
	CPU I/O voltage 3.3V	JP3	Open
	CPU I/O voltage 3.5V	JP3	Closed
»	CMOS memory normal operation	JP9	Pins 1 & 2 Closed
	CMOS memory Clear	JP9	Pins 2 & 3 Closed
	On-board audio chip enabled	JP10	Closed
	On-board audio chip disabled	JP10	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1
16MB	(1) 2MB x 64	None
32MB	(1) 4MB x 64	None

32MB	(1) 2MB x 64	(1) 2MB x 64
48MB	(1) 4MB x 64	(1) 2MB x 64
64MB	(1) 8MB x 64	None
64MB	(1) 4MB x 64	(1) 4MB x 64
80MB	(1) 8MB x 64	(1) 2MB x 64
96MB	(1) 8MB x 64	(1) 4MB x 64
128MB	(1) 16MB x 64	None
128MB	(1) 8MB x 64	(1) 8MB x 64
144MB	(1) 16MB x 64	(1) 2MB x 64
160MB	(1) 16MB x 64	(1) 4MB x 64
192MB	(1) 16MB x 64	(1) 8MB x 64
256MB	(1) 16MB x 64	(1) 16MB x 64

CACHE CONFIGURATION

Note: Location and configuration of cache memory is unidentified

CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	JP6	JP4
133MHz	66MHz	2x	Pins 3 & 4, 5 & 6	Pins 1 & 2
166MHz	66MHz	2.5x	Pins 3 & 4, 5 & 6	Pins 1 & 2, 3 & 4
200MHz	66MHz	3x	Pins 3 & 4, 5 & 6	Pins 3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (PENTIUM MMX)

CPU speed	Clock speed	Multiplier	JP6	JP4
166MHz	66MHz	2.5x	Pins 3 & 4, 5 & 6	Pins 1 & 2, 3 & 4
200MHz	66MHz	3x	Pins 3 & 4, 5 & 6	Pins 3 & 4

233MHz

66MHz

3.5

Pins 3 & 4, 5 & 6

Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86/IBM 6X86)

CPU speed	Clock speed	Multiplier	JP6	JP4
133MHz	66MHz	2x	Pins 3 & 4, 5 & 6	Pins 1 & 2
150MHz	75MHz	2x	Pins 1 & 2, 3 & 4	Pins 1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L/IBM 6X86L)

CPU speed	Clock speed	Multiplier	JP6	JP4
133MHz	66MHz	2x	Pins 3 & 4, 5 & 6	Pins 1 & 2
150MHz	75MHz	2x	Pins 1 & 2, 3 & 4	Pins 1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX/IBM 6X86MX)

CPU speed	Clock speed	Multiplier	JP6	JP4
166MHz	66MHz	2x	Pins 3 & 4, 5 & 6	Pins 1 & 2
200MHz	66MHz	2.5x	Pins 3 & 4, 5 & 6	Pins 1 & 2, 3 & 4
200MHz	75MHz	2x	Pins 1 & 2, 3 & 4	Pins 1 & 2
233MHz	75MHz	2.5x	Pins 1 & 2, 3 & 4	Pins 1 & 2, 3 & 4
233MHz	83MHz	2x	Pins 3 & 4	Pins 1 & 2
266MHz	83MHz	2.5x	Pins 3 & 4	Pins 1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX MII)

CPU speed	Clock speed	Multiplier	JP6	JP4
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300MHz	66MHz	3.5x	Pins 3 & 4, 5 & 6	Open
300MHz	75MHz	3x	Pins 1 & 2, 3 & 4	Pins 3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP6	JP4
166MHz	66MHz	2.5x	Pins 3 & 4, 5 & 6	Pins 1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JP6	JP4
166MHz	66MHz	2.5x	Pins 3 & 4, 5 & 6	Pins 1 & 2, 3 & 4
200MHz	66MHz	3x	Pins 3 & 4, 5 & 6	Pins 3 & 4
233MHz	66MHz	3.5x	Pins 3 & 4, 5 & 6	Open
266MHz	66MHz	4x	Pins 3 & 4, 5 & 6	Pins 1 & 2, 5 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	JP6	JP4
266MHz	66MHz	4x	Pins 3 & 4, 5 & 6	Pins 1 & 2, 5 & 6
300MHz	100MHz	3x	Open	Pins 3 & 4
333MHz	95MHz	3.5x	Pins 1 & 2	Open
350MHz	100MHz	3.5x	Open	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IDT WINCHIP C6)

CPU speed	Clock speed	Multiplier	JP6	JP4
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180MHz	66MHz	3x	Pins 3 & 4, 5 & 6	Pins 3 & 4
225MHz	75MHz	3x	Pins 1 & 2, 3 & 4	Pins 3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IDT WINCHIP 2)

CPU speed	Clock speed	Multiplier	JP6	JP4
240MHz	60MHz	4x	Pins 1 & 2, 3 & 4, 5 & 6	Pins 1 & 2, 5 & 6
266MHz	66MHz	4x	Pins 3 & 4, 5 & 6	Pins 1 & 2, 5 & 6

Note: Pins designated should be in the closed position.

CPU CORE VOLTAGE SETTINGS

Voltage	JP7
1.7	Pins 7 & 8, 9 & 10 Closed
1.8	Pins 3 & 4, 7 & 8, 9 & 10 Closed
1.9	Pins 5 & 6, 7 & 8, 9 & 10 Closed
2.0	Pins 3 & 4, 5 & 6, 7 & 8, 9 & 10 Closed
2.1	Pins 1 & 2 Closed
2.2	Pins 3 & 4 Closed
2.3	Pins 1 & 2, 3 & 4 Closed
2.4	Pins 5 & 6 Closed
2.5	Pins 1 & 2, 5 & 6 Closed
2.6	Pins 3 & 4, 5 & 6 Closed
2.7	Pins 1 & 2, 3 & 4, 5 & 6 Closed
2.8	Pins 7 & 8 Closed
2.9	Pins 1 & 2, 7 & 8 Closed
3.0	Pins 3 & 4, 7 & 8 Closed
3.1	Pins 1 & 2, 3 & 4, 7 & 8 Closed

3.2

Pins 5 & 6, 7 & 8 Closed

3.3

Pins 1 & 2, 5 & 6, 7 & 8 Closed

3.4

Pins 3 & 4, 5 & 6, 7 & 8 Closed

3.5

Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 Closed