TAKEN CORPORATION
T X 2

Processor	CX M1/AM K5/AM K6/Pentium
Processor Speed	100/133/150/166/200/233MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB
Maximum Video Memory	None
Cache	512KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), SCSI interface, Wide SCSI interface, parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector, ATX power connector, RAID slot
NPU Options	None

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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	Power LED & keylock	JP9/pins 1 –5
IDE interface 2	CN1	Turbo switch	JP9/pins 7 & 8
IDE interface 1	CN2	Speaker	JP9/pins 10 - 13
PS/2 mouse interface	J4	IDE interface LED	JP9/pins 14 & 15
Serial port 2	J5	Green PC connector	JP9/pins 19 & 20
Serial port 1	J6	Reset switch	JP9/pins 22 & 23
Parallel port	J7	Turbo LED	JP9/pins 25 & 26
Floppy drive interface	J8	32-bit PCI slots	PC1 – PC3
SCSI interface	J9	RAID slot	SL1
Wide SCSI interface	J10	USB connector	USB1
IR connector	J11		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í SCSI power down mode select normal mode	JP1	Open
SCSI power down mode select power down mode	JP1	Closed
í RAID disabled	JP2	Pins 1 & 2, 3 & 4 closed
RAID enabled	JP2	Open
í Wide SCSI disabled	JP3	Open
Wide SCSI enabled	JP3	Closed
í Flash BIOS voltage select 5v	JP4	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP4	Pins 1 & 2 closed
í Power supply select AT	JP6	Closed
Power supply select ATX	JP6	Open
í CMOS memory normal operation	JP10	Pins 2 & 3 closed
CMOS memory clear	JP10	Pins 3 & 4 closed
Battery type select external	JP10	Open

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36

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DRAM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory.		

DIMM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64

CACHE CONFIGURATION	
Size	**Bank 0**
512KB	(2) 64K x 32

CPU SPEED SELECTION (CYRIX)				
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP8**
133MHz	55MHz	2x	1 & 3, 2 & 4	2 & 3, 4 & 5
150MHz	60MHz	2x	1 & 3	2 & 3, 4 & 5
200MHz	75MHz	2x	2 & 4	2 & 3, 4 & 5
Note: Pins designated should be in the closed position.				

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CPU SPEED SELECTION (AM K5)				
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP8**
100MHz	66MHz	1.5x	Open	1 & 2, 4 & 5
166MHz	66MHz	2.5x	Open	2 & 3, 5 & 6
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (AM K6)				
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP8**
200MHz	66MHz	3x	Open	1 & 2, 5 & 6
233MHz	66MHz	3.5x	Open	1 & 2, 4 & 5
Note: Pins designated should be in the closed position.				

CPU SPEED SELECTION (INTEL)				
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP8**
100MHz	66MHz	1.5x	Open	1 & 2, 4 & 5
166MHz	66MHz	2.5x	Open	2 & 3, 5 & 6
200MHz	66MHz	3x	Open	1 & 2, 5 & 6
233MHz	66MHz	3.5x	Open	1 & 2, 4 & 5
Note: Pins designated should be in the closed position.				

CPU VOLTAGE SELECTION	
Voltage	**JP7**
í 2.8v	Open
3.3v	Pins 1 & 2, 3 & 4 closed