INDUSTRIAL COMPUTER SOURCE

SB586TCT SERIES

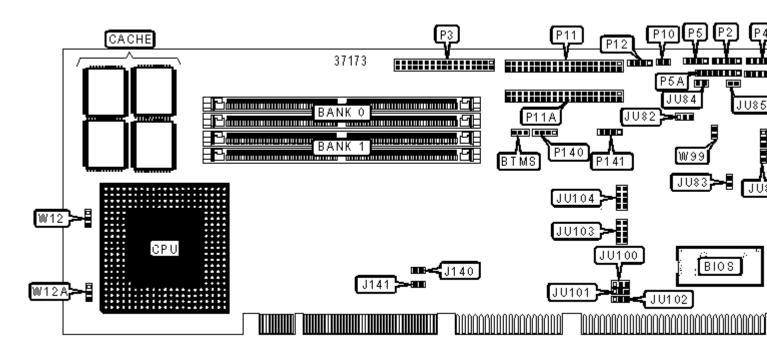|	
Device Type	Single Board Computer
Processor	Pentium
Processor Speed	100/133/166/200Mhz
Chip Set	Intel 430HX
Maximum Onboard Memory	256MB (EDO supported)
Cache	512KB
BIOS	AMI
Dimensions	Unidentified
I/O Options	AT keyboard interface, Combo I/O connector, Floppy drive interface, IDE interface, Parallel port, PS/2 mouse interface, Serial interface, Serial port, USB interfaces (2)
Data Bus	ISA/PCI

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Board Temperature Monitor System	BTMS	Parallel port	P8
Power LED & keylock	P2	CPU fan power	P9
Floppy drive interface	P3	Reset switch	P10
AT keyboard interface	P4	IDE interface 1	P11
PS/2 mouse interface	P4A	IDE interface 2	P11A
Speaker	P5	IDE interface LED	P12

Combo I/O connector	P5A	USB interface 1	P140
Serial port	P6	USB interface 2	P141
Serial interface	P7		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
» CRT color display selected	JU80	Pins 1 & 2 closed
CRT monochrome display selected	JU80	Pins 2 & 3 closed
» Password normal operation	JU81	Open
Password clear	JU81	Closed
» Watchdog timer disabled	JU82	Pins 1 & 2 closed
Watchdog timer enabled	JU82	Pins 2 & 3 closed
» CMOS memory normal operation	JU83	Open
CMOS memory clear	JU83	Closed
Speaker (P5A) connect	JU84	Closed
Speaker (P5A) disconnect	JU84	Open
Reset (P5A) connect	JU85	Closed
Reset (P5A) disconnect	JU85	Open
» On board serial port IRQ4 selected	JU100	Pins 2 & 3 closed
On board serial port IRQ3 selected	JU100	Pins 1 & 2 closed
» On board serial interface IRQ3 selected	JU101	Pins 1 & 2 closed
On board serial interface IRQ4 selected	JU101	Pins 2 & 3 closed
» On board parallel port IRQ7 selected	JU102	Pins 2 & 3 closed
On board parallel port IRQ5 selected	JU102	Pins 1 & 2 closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1
2MB	(2) 256K x 36	None
4MB	(2) 256K x 36	(2) 256K x 36
4MB	(2) 512K x 36	None
6MB	(2) 512K x 36	(2) 256K x 36
8MB	(2) 512K x 36	(2) 512K x 36
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
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.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	J140	J141	W12	W12A	W99
100MHz	66MHz	1.5x	Open	Closed	2 & 3	2 & 3	Closed
133MHz	66MHz	2x	Open	Closed	1 & 2	2 & 3	Closed
166MHz	66MHz	2.5x	Open	Closed	1 & 2	1 & 2	Closed
200MHz	66MHz	2.5x	Open	Closed	2 & 3	1 & 2	Closed

Note: Pins designated should be in the closed position.

PARALLEL PORT ACKNOWLEDGEMENT SELECTION	
DACK	**JU103**
DACK#3	Pins 7 & 8 closed
DACK#5	Pins 5 & 6 closed
DACK#6	Pins 3 & 4 closed
DACK#7	Pins 1 & 2 closed

PARALLEL PORT REQUEST SELECTION	
DREQ	**JU104**
DREQ#3	Pins 7 & 8 closed
DREQ#5	Pins 5 & 6 closed
DREQ#6	Pins 3 & 4 closed
DREQ#7	Pins 1 & 2 closed