KAM-TRONIC COMPUTER CO., LTD.

TI6BX-S

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/350/400MHz
Chip Set	Intel 440LX
Maximum Onboard Memory	1GB (EDO & SDRAM supported)
Cache	512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), SCSI interface, Wide Ultra SCSI interface, parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, RAID slot
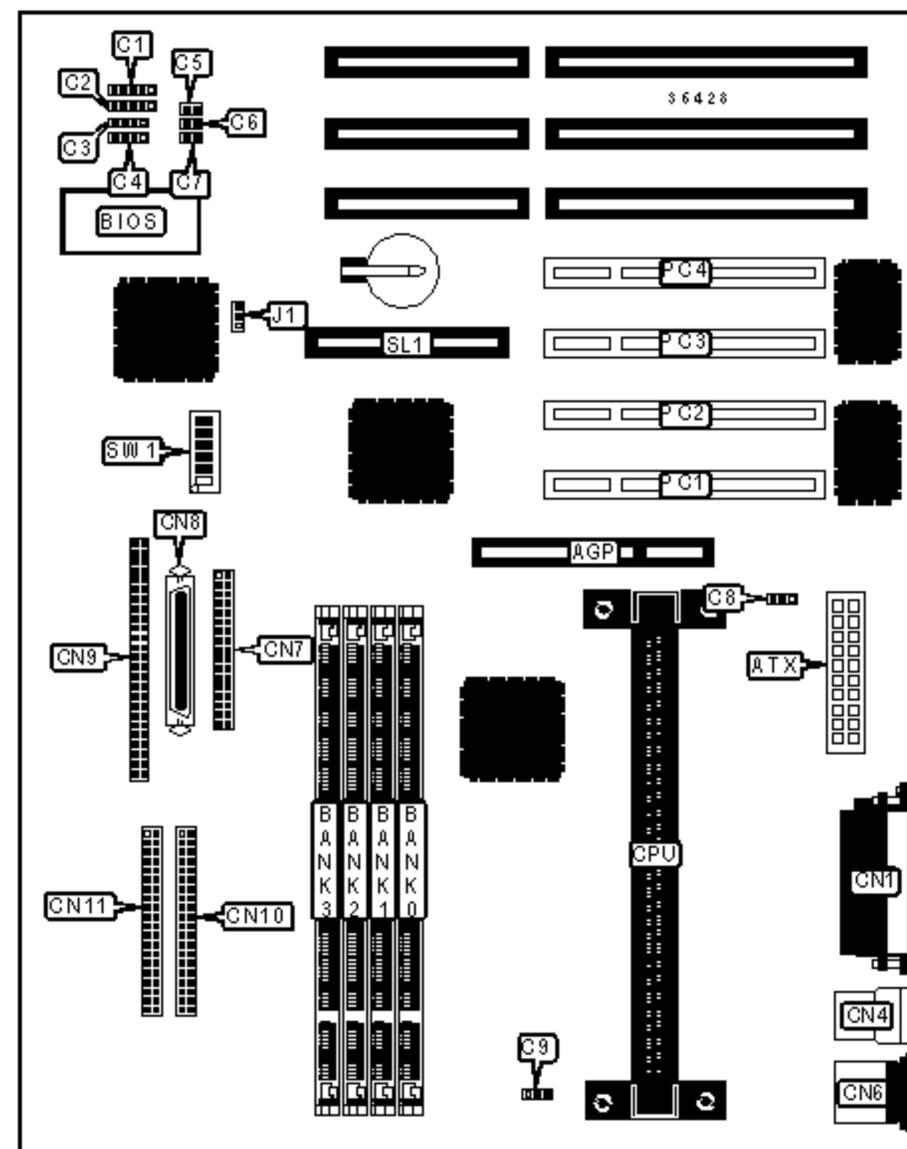
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Serial port 2	CN2
ATX power connector	ATX	Serial port 1	CN3

Power LED & keylock	C1	USB connector 1	CN4
IR connector	C2	USB connector 2	CN5
IDE interface LED	C3	PS/2 mouse port	CN6
Speaker	C4	Floppy drive interface	CN7
Reset switch	C5	Ultra Wide SCSI interface	CN8
Green PC connector	C6	SCSI interface	CN9
Soft off power supply	C7	IDE interface 2	CN10
Chassis fan power	C8	IDE interface 1	CN11
Chassis fan power	C9	32-bit PCI slots	PC1 - PC4
Parallel port	CN1	RAID slot	SL1

USER CONFIGURABLE SETTINGS			
Function		**Label**	**Position**
»	CMOS memory normal operation	J1	Pins 2 & 3 closed
	CMOS memory clear	J1	Pins 1 & 2 closed
	Wake up from front panel as normal	JP4	Pins 1 & 2 closed
	Wake up from keyboard when entering password	JP4	Pins 2 & 3 closed
	Keyboard power on disabled	JP5	Pins 1 & 2 closed
	Keyboard power on enabled	JP5	Pins 2 & 3 closed
Note: The location of JP4 & JP5 is unidentified. JP4 is only valid when JP5 is set to pins 2 & 3 closed.			

DIMM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None

Size	Bank 0	Bank 1	Bank 2	Bank 3
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None

DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
144MB	(1) 16M x 64	(1) 2M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 32M x 64	None	None	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64

272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
280MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
448MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
640MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
1024MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts EDO & SDRAM memory.

CACHE CONFIGURATION

Note: 512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	Off	Off	Off	Off
266MHz	66MHz	4x	Off	Off	Off	On
300MHz	66MHz	4.5x	Off	Off	Off	Off
350MHz	100MHz	3.5x	Off	Off	Off	Off
400MHz	100MHz	4x	Off	Off	Off	On

CPU SPEED SELECTION (CON'T)

CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
233MHz	66MHz	3.5x	Off	On	On	Off

266MHz	66MHz	4x	On	Off	On	Off
300MHz	66MHz	4.5x	On	Off	On	Off
350MHz	100MHz	3.5x	Off	On	On	Off
400MHz	100MHz	4x	On	Off	On	Off