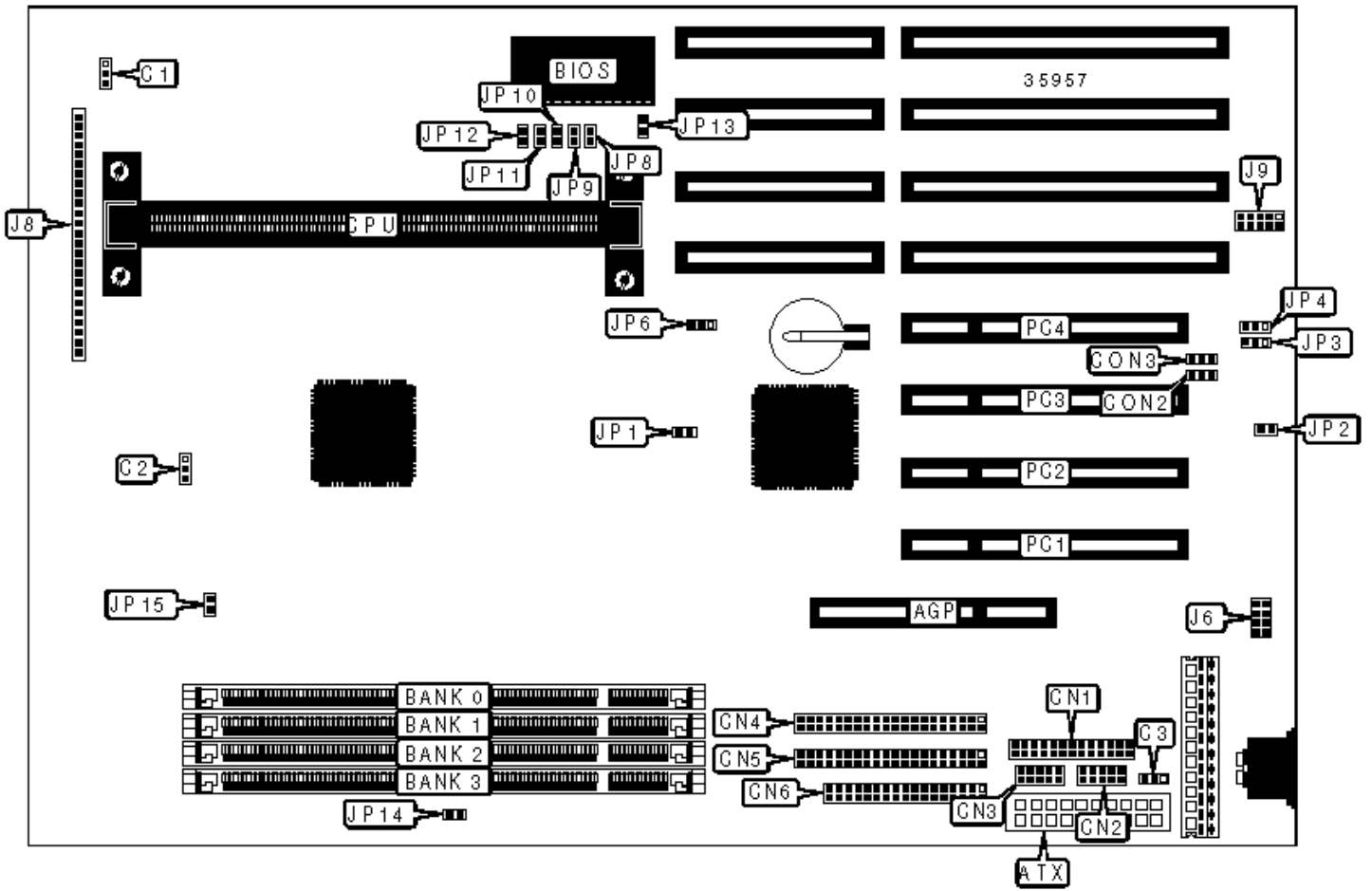


TYAN COMPUTER CORPORATION

S1830S, S1830SL

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Wake on LAN connector	CON3
ATX power connector	ATX	PS/2 mouse interface	J6
Chassis fan power	C1	Green PC connector	J8/pins 3 & 4
Chassis fan power	C2	IR connector	J8/pins 6 - 10
Chassis fan power	C3	IDE interface LED	J8/pins 13 - 16
Parallel port	CN1	Power LED	J8/pins 18 & 20
Serial port 1	CN2	Reset switch	J8/pins 22 & 23
Serial port 2	CN3	Speaker	J8/pins 24 - 27
IDE interface 2	CN4	USB connector	J9
IDE interface 1	CN5	Green PC connector	JP1
Floppy drive interface	CN6	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	CON2	Unidentified
» CMOS memory normal operation	JP6	Pins 1 & 2 closed
» CMOS memory clear	JP6	Pins 2 & 3 closed
» Factory configured - do not alter	JP12	Unidentified
» Factory configured - do not alter	JP14	Unidentified

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
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) 4M x 64	(1) 4M x 64	(1) 4M x 64	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
96MB	(1) 8M x 64	(1) 4M x 64	None	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
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

256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 C

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
233MHz	66MHz	3.5x	Closed	Open	Open	Closed
266MHz	66MHz	4x	Closed	Closed	Closed	Open
300MHz	66MHz	4.5x	Closed	Open	Closed	Open
333MHz	66MHz	5x	Closed	Closed	Open	Open

350MHz	100MHz	3.5x	Closed	Open	Open	Closed
400MHz	100MHz	4x	Closed	Closed	Closed	Open
450MHz	100MHz	4.5x	Closed	Open	Closed	Open
500MHz	100MHz	5x	Closed	Closed	Open	Open

FLOPPY DRIVE/IR SELECTION

Setting		JP2	JP3	JP4
»	2 floppy drives	Closed	Pins 2 & 3 closed	Pins 1 & 2 closed
	1 floppy, 1 IR	Open	Pins 1 & 2 closed	Pins 2 & 3 closed

POWER SUPPLY SELECTION

Setting	JP13	JP15
AT	Closed	Open
ATX	Open	Closed