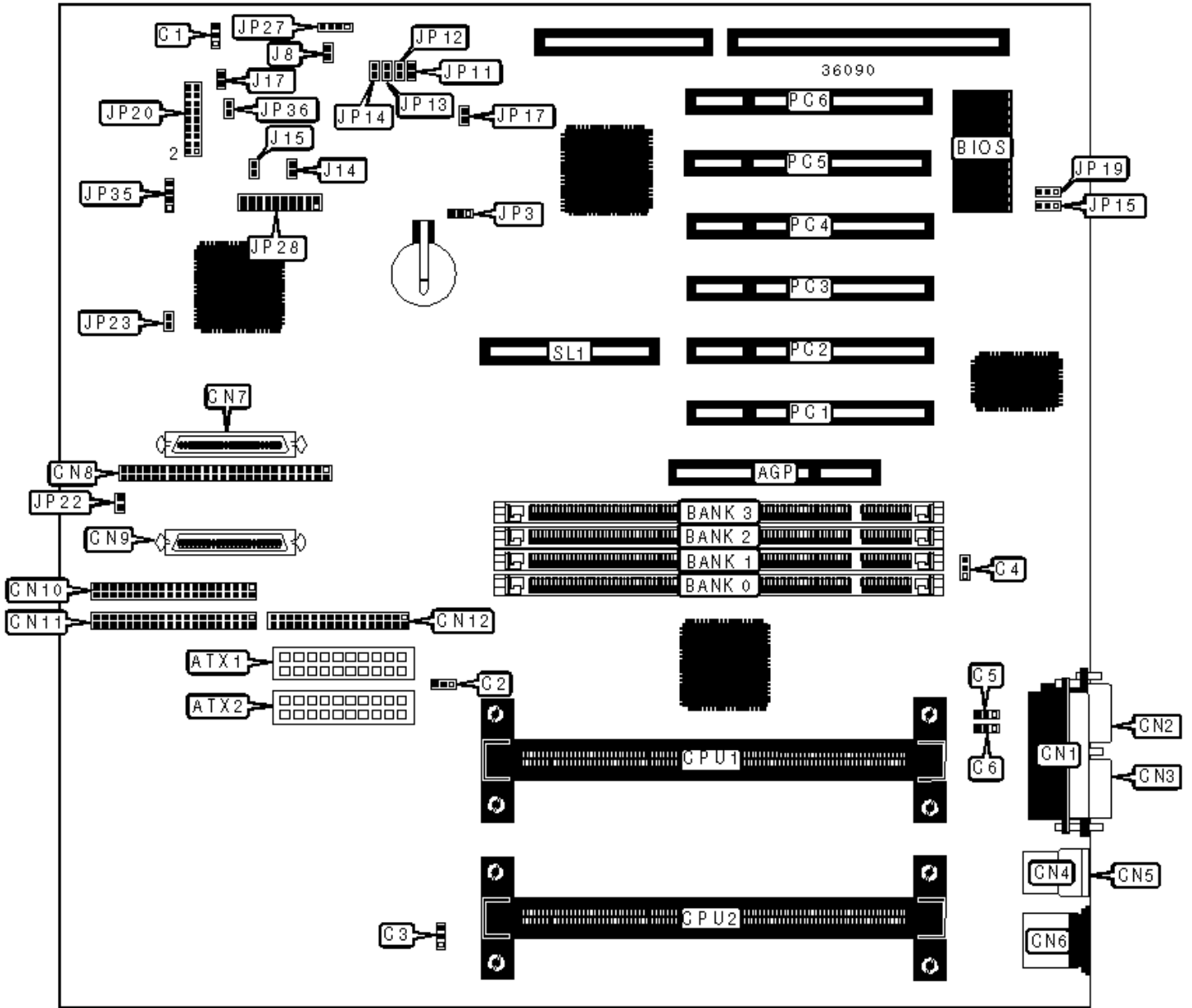


# TYAN COMPUTER CORPORATION

## S1952DLU

### Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 1	CN10
ATX power connector	ATX1	IDE interface 2	CN11
ATX power connector	ATX2	Floppy drive interface	CN12
Chassis fan power	C1	Chassis intrusion connector	J8
CPU fan power	C2	Wake on LAN connector	JP15
CPU fan power	C3	Green PC connector	JP17
Chassis fan power	C4	Wake on modem connector	JP19
CPU fan power	C5	IDE interface LED	JP20/pins 1 - 3
CPU fan power	C6	Power LED	JP20/pins 2 & 4
Parallel port	CN1	Reset switch	JP20/pins 5 & 7
Serial port 2	CN2	Soft off power supply	JP20/pins 6 & 8
Serial port 1	CN3	IR connector	JP20/pins 9 & 15
USB connector 1	CN4	SCSI interface LED	JP27
USB connector 2	CN5	Server management connector	JP28
PS/2 mouse port	CN6	Speaker	JP35
Wide Ultra SCSI interface	CN7	32-bit PCI slots	PC1 - PC6
SCSI interface	CN8	RAID slot	SL1
Wide Ultra SCSI interface	CN9		

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J14	Unidentified
» Factory configured - do not alter	J15	Unidentified
» Factory configured - do not alter	J17	Unidentified

»	Factory configured - do not alter	JP2	Unidentified
»	CMOS memory normal operation	JP3	Pins 1 & 2 closed
	CMOS memory clear	JP3	Pins 2 & 3 closed
»	Factory configured - do not alter	JP21	Unidentified
»	Factory configured - do not alter	JP22	Unidentified
»	Factory configured - do not alter	JP23	Unidentified
	On board SCSI enabled	JP36	Open
	On board SCSI disabled	JP36	Closed
Note: The location of JP2 & JP21 are 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

### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
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
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) 64M x 64	None	None	None
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) 64M x 64	(1) 64M x 64	None	None
1024MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
1536MB	(1) 64M x 64	(1) 64M x 64	(1) 64M x 64	None
2048MB	(1) 64M x 64	(1) 64M x 64	(1) 64M x 64	(1) 64M x 64

Note: Board accepts SDRAM memory.

### CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP11	JP12	JP13	JP14
350MHz	100MHz	3.5x	Closed	Open	Open	Closed
400MHz	100MHz	4x	Open	Closed	Closed	Closed
450MHz	100MHz	4.5x	Open	Closed	Open	Closed
500MHz	100MHz	5x	Open	Open	Closed	Closed