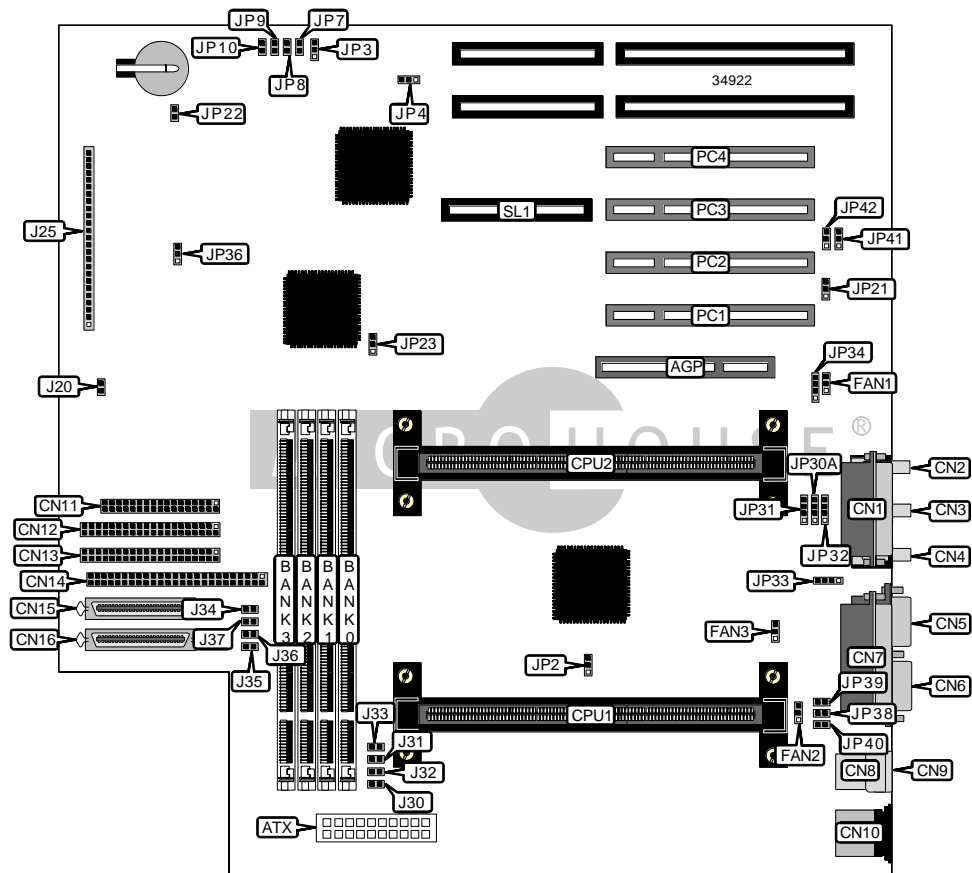


TYAN COMPUTER CORPORATION

S1696DLUA

Device Type	Mainboard
Processor	Pentium II
Processor Speed	200/233/266/300/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	1GB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	AMI
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, game port, 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, line in, line out, microphone in, RAID slot
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Ultra Wide SCSI interface	CN15
ATX power connector	ATX	Ultra Wide SCSI interface	CN16
Game port	CN1	Chassis fan power	FAN1
Microphone in	CN2	Chassis fan power	FAN2
Line in	CN3	Chassis fan power	FAN3
Line out	CN4	Soft off power supply	J25/pins 1 & 2
Serial port 2	CN5	Green PC connector	J25/pins 3 & 4
Serial port 1	CN6	IR connector	J25/pins 6 - 11
Parallel port	CN7	IDE interface LED	J25/pins 13 - 16
USB connector 1	CN8	Power LED	J25/pins 18 - 20
USB connector 2	CN9	Reset switch	J25/pins 22 & 23
PS/2 mouse port	CN10	Speaker	J25/pins 24 - 27
Floppy drive interface	CN11	Wake on LAN connector	JP21
IDE interface 1	CN12	SCSI interface LED	JP22
IDE interface 2	CN13	32-bit PCI slots	PC1 – PC4
SCSI interface	CN14	RAID slot	SL1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J20	Unidentified
í Factory configured - do not alter	JP2	Open
í CMOS memory normal operation	JP3	Pins 1 & 2 closed
CMOS memory clear	JP3	Pins 2 & 3 closed
í Flash BIOS voltage select 5v	JP4	Pins 1 & 2 closed
Flash BIOS voltage select 12v	JP4	Pins 2 & 3 closed
í SCSI PCI ID select AD 26	JP23	Pins 1 & 2 closed
SCSI PCI ID select AD 24	JP23	Pins 2 & 3 closed
í Factory configured - do not alter	JP30A	Unidentified
í Factory configured - do not alter	JP31	Unidentified
í Factory configured - do not alter	JP32	Unidentified
í Factory configured - do not alter	JP33	Unidentified
í Factory configured - do not alter	JP34	Unidentified
í Factory configured - do not alter	JP36	Unidentified
í Factory configured - do not alter	JP38	Closed

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USER CONFIGURABLE SETTINGS (CON'T)		
Function	Label	Position
í Factory configured - do not alter	JP39	Closed
í Factory configured - do not alter	JP40	Open
í Factory configured - do not alter	JP48	Open
Note: The location of JP48 is 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) 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
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 4M 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

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DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
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
304MB	(1) 32M x 64	(1) 2M 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
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
352MB	(1) 32M x 64	(1) 4M 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. Maximum SDRAM is 512MB. Maximum EDO is 1GB.

DIMM VOLTAGE CONFIGURATION				
Voltage	J30	J31	J32	J33
3.3v	Closed	Closed	Closed	Closed
5v	Open	Open	Open	Open

DIMM VOLTAGE CONFIGURATION (CON'T)				
Voltage	J34	J35	J36	J37
3.3v	Open	Open	Open	Open
5v	Closed	Closed	Closed	Closed

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

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CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	JP7	JP8	JP9	JP10
200MHz	66MHz	3x	Closed	Closed	Open	Closed
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

SERIAL PORT SELECTION				
Setting	JP41	JP42	JP45	JP46
Used as serial port	Pins 1 & 2 closed	Pins 1 & 2 closed	Closed	Open
Used as IR connector	Pins 2 & 3 closed	Pins 2 & 3 closed	Open	Closed

Note: The location of JP45 & JP46 is unidentified.

SCSI TERMINATION SELECTION		
Setting	JP43	JP44
í SCSI high byte enabled	Pins 1 & 2 closed	Pins 1 & 2 closed
Controlled by SCSI chip	Pins 2 & 3 closed	Pins 2 & 3 closed