TYAN COMPUTER CORPORATION
S 1 6 6 2 S   (R E V .   1 . 2)

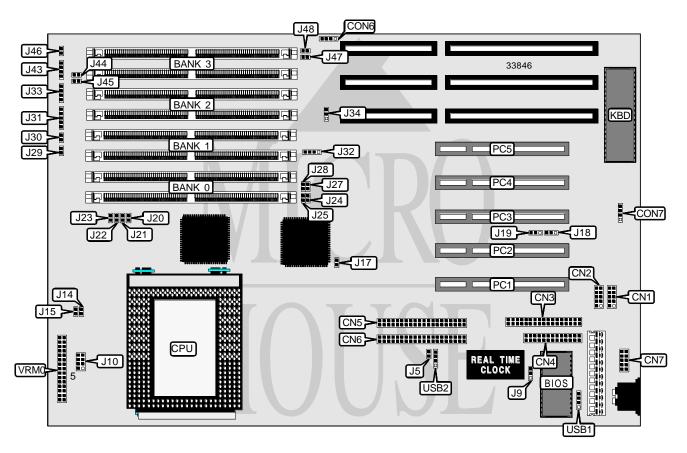|	
Processor	Pentium Pro
Processor Speed	150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	1GB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium Pro CPU)
BIOS	AMI/Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (5), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connectors (2), VRM connector, USB connectors (2)
NPU Options	None

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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 2	CN1	Turbo switch	J30
Serial port 1	CN2	Power LED & keylock	J31
Floppy drive interface	CN3	Speaker	J33
Parallel port	CN4	IDE interface LED	J43
IDE interface 2	CN5	Reset switch	J46
IDE interface 1	CN6	32-bit PCI slots	PC1 - PC5
PS/2 mouse interface	CN7	USB connector	UBS1
IR connector	CON6	USB connector	USB2
IR connector	CON7	VRM connector	VRM0
Turbo LED	J29		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	J5	Open
CMOS memory clear	J5	Closed
í Flash BIOS voltage select 5v	J9	Pins 1 & 2 closed
Flash BIOS voltage select 12v	J9	Pins 2 & 3 closed
Factory configured - do not alter	J17	Unidentified
SMC I/O chip type select 665IR	J34	Pins 1 & 2 closed
SMC I/O chip type select 669IR	J34	Pins 2 & 3 closed

DRAM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(2) 1M x 36	None	None	None
16MB	(2) 2M x 36	None	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None	None
32MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	(2) 8M x 36	None	None	None
128MB	(2) 16M x 36	None	None	None
128MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	None
256MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None	None
256MB	(2) 32M x 36	None	None	None
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	None
512MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36

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DRAM CONFIGURATION (CON'T)				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
512MB	(2) 32M x 36	(2) 32M x 36	None	None
640MB	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
768MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36	None
768MB	(2) 32M x 36	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36
832MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36	(2) 8M x 36
896MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36	(2) 16M x 36
1024MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36
Note: Board accepts EDO memory. Board also accepts x 32 SIMMs.				

DRAM VOLTAGE CONFIGURATION								
Voltage	**J20**	**J21**	**J22**	**J23**	**J44**	**J45**	**J47**	**J48**
3.3v	Closed	Closed	Closed	Closed	Open	Open	Open	Open
5v	Open	Open	Open	Open	Closed	Closed	Closed	Closed

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

CPU SPEED SELECTION							
Speed	**J14**	**J15**	**J24**	**J25**	**J27**	**J28**	**J32**
150MHz	Open	Closed	Closed	Closed	Open	Closed	3 & 4
166MHz	Closed	Open	Closed	Closed	Open	Closed	1 & 2
180MHz	Open	Closed	Open	Closed	Closed	Closed	3 & 4
200MHz	Closed	Open	Open	Closed	Closed	Closed	1 & 2
Note: Pins designated should be in the closed position.							

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CPU VOLTAGE SELECTION	
Voltage	**J10**
í Auto select	Open
2.1v	1 & 5
2.2v	2 & 6
2.3v	1 & 5, 2 & 6
2.4v	3 & 7
2.5v	1 & 5, 3 & 7
2.6v	2 & 6, 3 & 7
2.7v	1 & 5, 2 & 6, 3 & 7
2.8v	4 & 8
2.9v	1 & 5, 4 & 8
3.0v	2 & 6, 4 & 8
3.1v	1 & 5, 2 & 6, 4 & 8
3.2v	3 & 7, 4 & 8
3.3v	1 & 5, 3 & 7, 4 & 8
3.4v	2 & 6, 3 & 7, 4 & 8
3.5v	1 & 5, 2 & 6, 3 & 7, 4 & 8
Note: Pins designated should be in the closed position.	

SERIAL PORT SELECTION		
Setting	**J18**	**J19**
í Used and COM 1 or 2	Pins 1 & 2 closed	Pins 1 & 2 closed
Used as IR connector	Pins 2 & 3 closed	Pins 2 & 3 closed