TMC RESEARCH CORPORATION
AD6NF9 (VER. 1.0)

Processor	Pentium Pro
Processor Speed	150/166/180/200MHz
Chip Set	Intel
Video Chip Set	Unidentified
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	Unidentified
Cache	256/512KB (located on Pentium Pro CPU)
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (7), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA interface, IR connector, USB connector
NPU Options	None
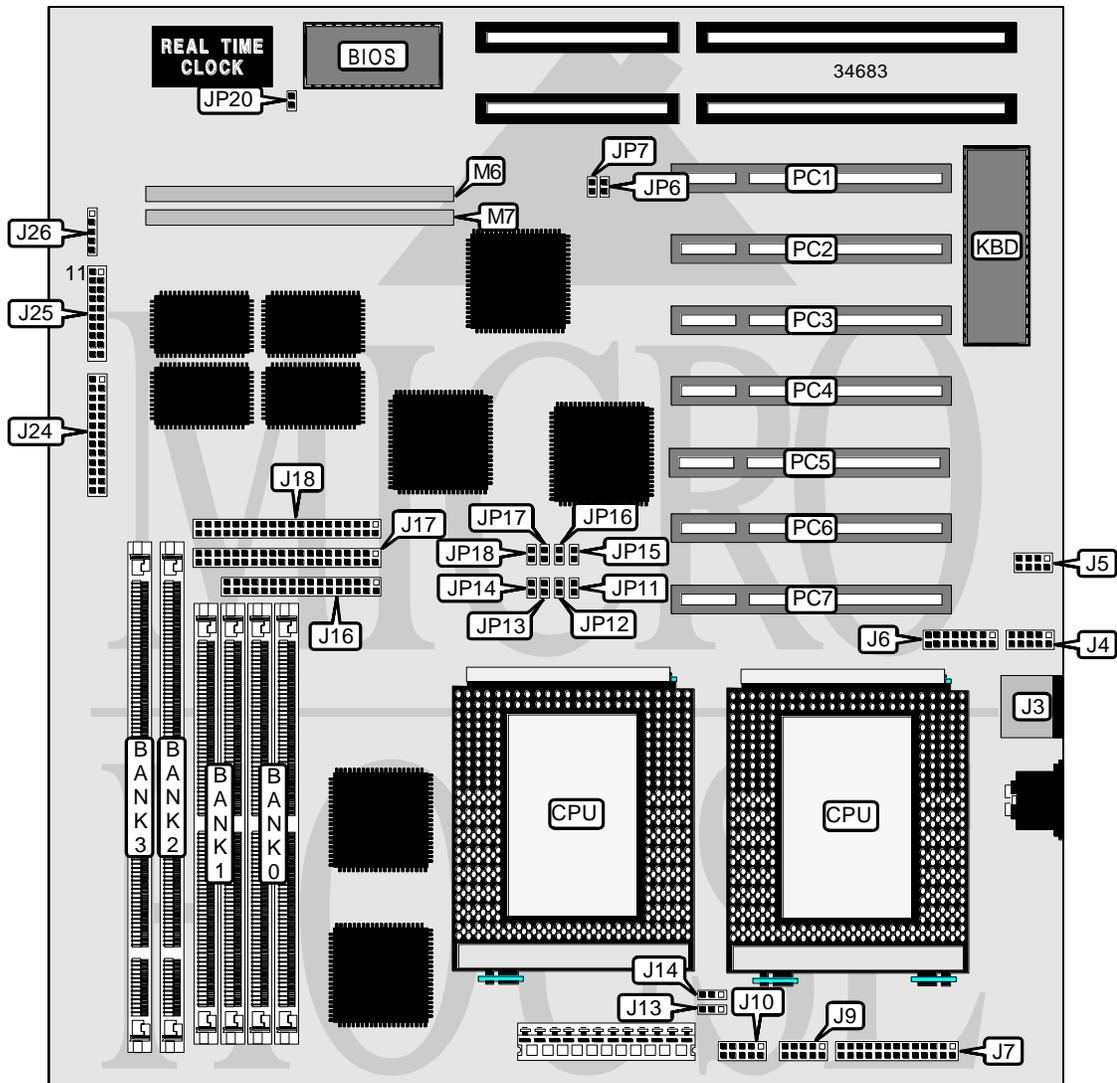
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
PS/2 mouse port	J3	IDE interface 2	J18
PS/2 mouse interface	J4	VGA feature connector	J24
USB connector	J5	Speaker	J25/pins 1 - 4
VGA interface	J6	Green PC connector	J25/pins 6 & 16
Parallel port	J7	Turbo LED	J25/pins 8 & 18
Serial port 1	J9	Reset switch	J25/pins 9 & 19
Serial port 2	J10	IDE interface LED	J25/pins 10 & 20
CPU fan power	J13	Power LED & keylock	J25/pins 11 - 15
CPU fan power	J14	IR connector	J26
Floppy drive interface	J16	32-bit PCI slots	PC1 – PC7
IDE interface 1	J17		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í ISA speed select PCICLK/4	JP6	Closed
ISA speed select PCICLK/3	JP6	Open
í PS/2 mouse enabled	JP7	Closed
PS/2 mouse disabled	JP7	Open
í CMOS memory normal operation	JP20	Open
CMOS memory clear	JP20	Closed
í Factory configured - do not alter	M6	Unidentified
í Factory configured - do not alter	M7	Unidentified

SIMM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None

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SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory.		

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

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

VIDEO MEMORY CONFIGURATION
Note: The size & location of the video memory is unidentified.

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CPU SPEED SELECTION						
CPU speed	**Clock speed**	**Multiplier**	**JP11**	**JP12**	**JP13**	**JP14**
150MHz	60MHz	2.5x	Open	Closed	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Closed	Closed
180MHz	60MHz	3x	Closed	Open	Closed	Closed
200MHz	66MHz	3x	Closed	Open	Closed	Closed

CPU SPEED SELECTION (CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**JP15**	**JP16**	**JP17**	**JP18**
150MHz	60MHz	2.5x	Open	Closed	Closed	Open
166MHz	66MHz	2.5x	Closed	Open	Open	Closed
180MHz	60MHz	3x	Open	Closed	Closed	Open
200MHz	66MHz	3x	Closed	Open	Open	Closed