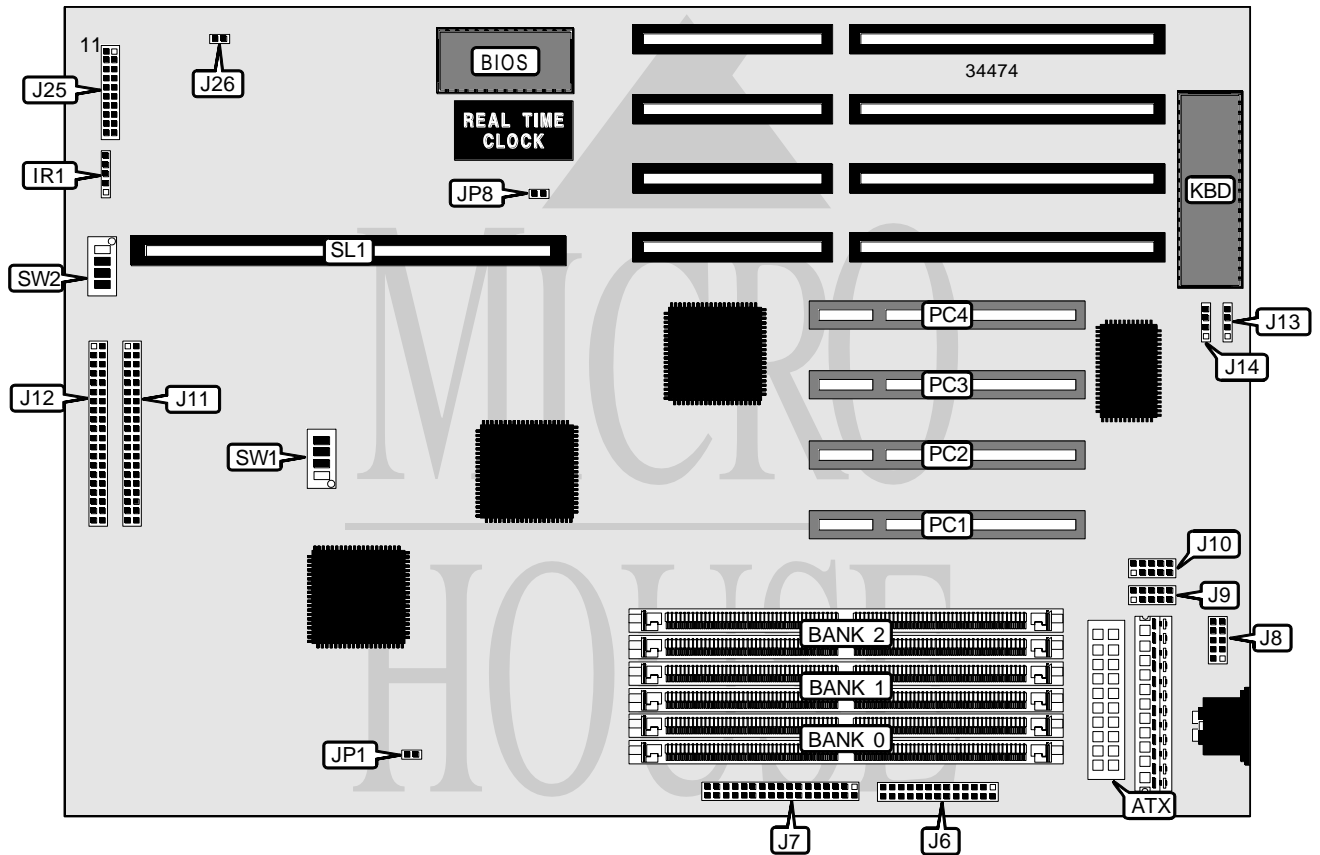


TMC RESEARCH CORPORATION

AI6NFK/KP6 (VER. 1.0A)

Processor	Pentium II/Pentium Pro
Processor Speed	150/166/180/200/233/266/300MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	384MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II/Pentium Pro CPU)
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2), ATX power connector, CPU Slot 1
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Speaker	J25/pins 1 - 4
IR connector	IR1	Green PC connector	J25/pins 6 & 16
Parallel port	J6	Soft off power supply	J25/pins 7 & 17
Floppy drive interface	J7	Turbo LED	J25/pins 8 & 18
PS/2 mouse interface	J8	Reset switch	J25/pins 9 & 19
Serial port 1	J9	IDE interface LED	J25/pins 10 & 20
Serial port 2	J10	Power LED & keylock	J25/pins 11 - 15
IDE interface 1	J11	Chassis fan power	J26
IDE interface 2	J12	Power on/off switch	JP1
USB connector	J13	32-bit PCI slots	PC1 – PC4
USB connector	J14	CPU Slot 1	SL1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP8	Open
CMOS memory clear	JP8	Closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
16MB	(2) 2M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36	None
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None
40MB	(2) 1M x 36	(2) 2M x 36	(2) 2M x 36
40MB	(2) 1M x 36	(2) 4M x 36	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36	None
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None
72MB	(2) 1M x 36	(2) 4M x 36	(2) 4M x 36
72MB	(2) 1M x 36	(2) 8M x 36	None
80MB	(2) 2M x 36	(2) 4M x 36	(2) 4M x 36
80MB	(2) 2M x 36	(2) 8M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36	None
128MB	(2) 8M x 36	(2) 8M x 36	None
136MB	(2) 1M x 36	(2) 8M x 36	(2) 8M x 36

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
144MB	(2) 2M x 36	(2) 8M x 36	(2) 8M x 36
160MB	(2) 4M x 36	(2) 8M x 36	(2) 8M x 36
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory.

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

CPU SPEED SELECTION (PENTIUM II)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	Off	On	Off	On
266MHz	66MHz	4x	Off	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On

CPU SPEED SELECTION (PENTIUM II, CON'T)						
CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
233MHz	66MHz	3.5x	Off	Off	On	On
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On

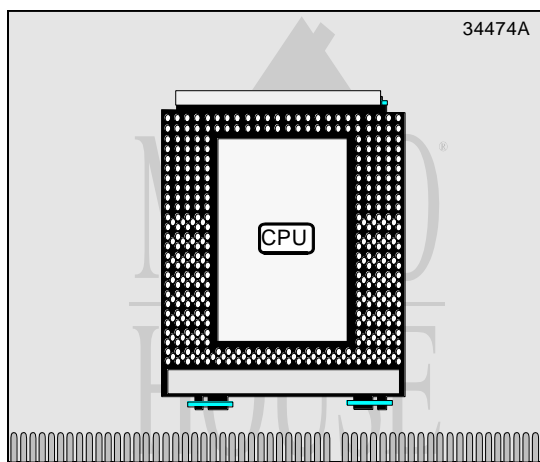
CPU SPEED SELECTION (PENTIUM PRO)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
150MHz	60MHz	2.5x	On	Off	On	Off
166MHz	66MHz	2.5x	Off	On	Off	On
180MHz	60MHz	3x	On	Off	On	Off
200MHz	66MHz	3x	Off	On	Off	On

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CPU SPEED SELECTION (PENTIUM PRO, CON'T)						
CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4
150MHz	60MHz	2.5x	Off	On	On	On
166MHz	66MHz	2.5x	Off	On	On	On
180MHz	60MHz	3x	On	Off	On	On
200MHz	66MHz	3x	On	Off	On	On



PENTIUM PRO CPU CARD