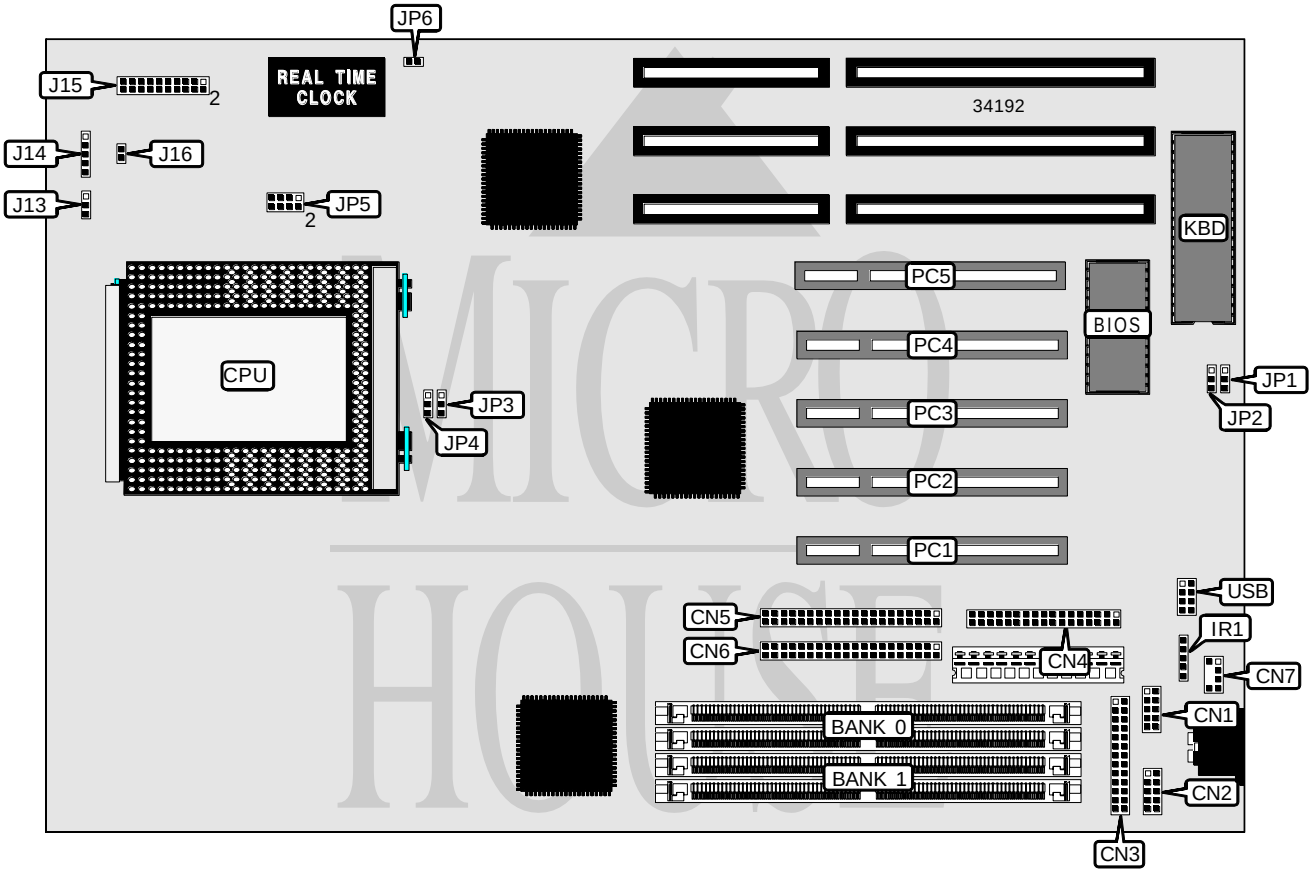
TEKRAM TECHNOLOGY CO., LTD.
P 6 F 4 0 - B 5

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



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 1	CN1	IR connector	J14
Serial port 2	CN2	Power LED & keylock	J15 pins 2/4/6/8/10
Parallel port	CN3	Turbo LED	J15 pins 3 & 5
Floppy drive interface	CN4	Green PC connector	J15 pins 7 & 9
IDE interface 2	CN5	Speaker	J15 pins 14/16/18/20
IDE interface 1	CN6	Reset switch	J15 pins 17 & 19
PS/2 mouse interface	CN7	IDE interface LED	J16
IR connector	IR1	32-bit PCI slots	PC1 – PC5
Chassis fan power	J13	USB connector	USB

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
On board I/O enabled	JP1	Pins 1 & 2 closed
On board I/O disabled	JP1	Pins 2 & 3 closed
PS/2 IRQ12 enabled	JP2	Closed
PS/2 IRQ12 disabled	JP2	Open
? CMOS memory normal operation	JP6	Open
CMOS memory clear	JP6	Closed

DRAM 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
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

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DRAM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
256MB	(2) 32M x 36	None
264MB	(2) 32M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36
Note: Board accepts EDO memory. Banks are interchangeable.		

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

CPU SPEED SELECTION					
CPU speed	**Clock speed**	**Multiplier**	**JP3**	**JP4**	**JP5**
150MHz	60MHz	2.5x	1 & 2	2 & 3	1 & 2, 5 & 6, 7 & 8
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2, 5 & 6, 7 & 8
180MHz	60MHz	3x	1 & 2	2 & 3	1 & 2, 3 & 4, 7 & 8
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2, 3 & 4, 7 & 8
Note: Pins designated should be in the closed position.					