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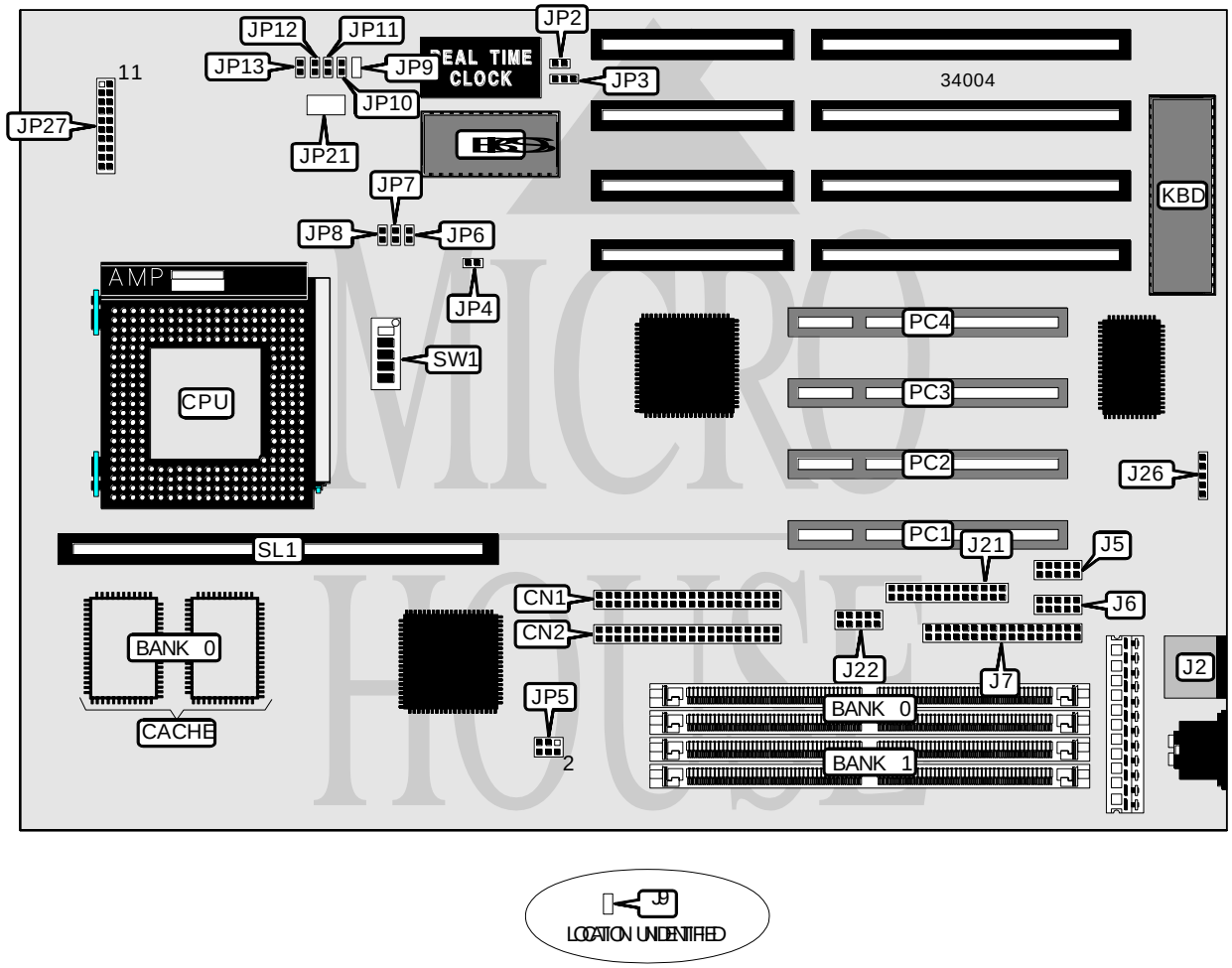
N T 9 4 4

Processor	IBM 6X86/CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award/Phoenix
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), serial port, cache slot, IR connector, USB connector
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
IDE interface 2	CN1	IR connector	J26
IDE interface 1	CN2	Power LED & keylock	JP27 pins 1 - 5
PS/2 mouse port	J2	Turbo LED	JP27 pins 7 & 17
Serial port	J5	Reset switch	JP27 pins 8 & 18
Serial port	J6	IDE interface LED	JP27 pins 10 & 20
Floppy drive interface	J7	Speaker	JP27 pins 11 - 14
Chassis fan power	J9	32-bit PCI slots	PC1 – PC4
Parallel port	J21	Cache slot	SL1
USB connector	J22		
Note: The location of J9 is unidentified.			

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	JP2	Open
CMOS memory clear	JP2	Closed
í Flash BIOS voltage select 5v	JP3	Pins 1 & 2 closed
Flash BIOS voltage select 12v	JP3	Pins 2 & 3 closed
í Factory configured - do not alter	JP4	Closed
í Factory configured - do not alter	JP6	Closed
í Factory configured - do not alter	JP7	Closed
í Factory configured - do not alter	JP8	Closed
í Factory configured - do not alter	JP9	Unidentified

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 512K x 36	(2) 512K x 36
8MB	(2) 1M x 36	None
10MB	(2) 256K x 36	(2) 1M x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 256K x 36	(2) 2M x 36
20MB	(2) 512K x 36	(2) 2M 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
34MB	(2) 256K x 36	(2) 4M x 36

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DRAM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
36MB	(2) 512K x 36	(2) 4M 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
66MB	(2) 256K x 36	(2) 8M x 36
68MB	(2) 512K x 36	(2) 8M 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
130MB	(2) 256K x 36	(2) 16M x 36
132MB	(2) 512K x 36	(2) 16M x 36
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) 32M x 36	None
256MB	(2) 16M x 36	(2) 16M x 36
258MB	(2) 256K x 36	(2) 32M x 36
260MB	(2) 512K x 36	(2) 32M x 36
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. Board also accepts x 32 SIMMs.		

CACHE CONFIGURATION		
Size	**Bank 0**	**SL1**
256KB	(2) 32K x 32	Not installed
512KB	(2) 32K x 32	256KB module installed

CACHE JUMPER CONFIGURATION				
Size	**JP10**	**JP11**	**JP12**	**JP13**
256KB	Open	Open	Closed	Open
512KB (A)	Closed	Closed	Open	Closed

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CPU SPEED SELECTION (IBM)							
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**
120MHz	50MHz	1.5x	On	On	Off	Off	Off
150MHz	60MHz	1.5x	On	Off	Off	Off	Off

CPU SPEED SELECTION (CYRIX)							
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**
120MHz	50MHz	1.5x	On	On	Off	Off	Off
150MHz	60MHz	1.5x	On	Off	Off	Off	Off

CPU SPEED SELECTION (INTEL)							
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**
75MHz	50MHz	1.5x	On	On	Off	Off	Off
90MHz	60MHz	1.5x	On	Off	Off	Off	Off
100MHz	66MHz	1.5x	Off	On	Off	Off	Off
120MHz	60MHz	2x	On	Off	On	Off	Off
133MHz	66MHz	2x	Off	On	On	Off	Off
150MHz	60MHz	2.5x	On	Off	On	On	Off
166MHz	66MHz	2.5x	Off	On	On	On	Off
180MHz	60MHz	3x	On	Off	Off	On	Off
200MHz	66MHz	3x	Off	On	Off	On	Off

CPU TYPE SELECTION	
Type	**JP21**
IBM 6X86	All pins closed
IBM M2	All pins open
CX M1	All pins closed
CX M2	All pins open
AM 5K86	All pins closed
AM K5	All pins open
P54C	All pins closed
P55C	All pins open

CPU VOLTAGE SELECTION	
Voltage	**JP5**
3.3v	Pins 1 & 2 closed
í 3.45v	Pins 3 & 4 closed
3.6v	Pins 5 & 6 closed