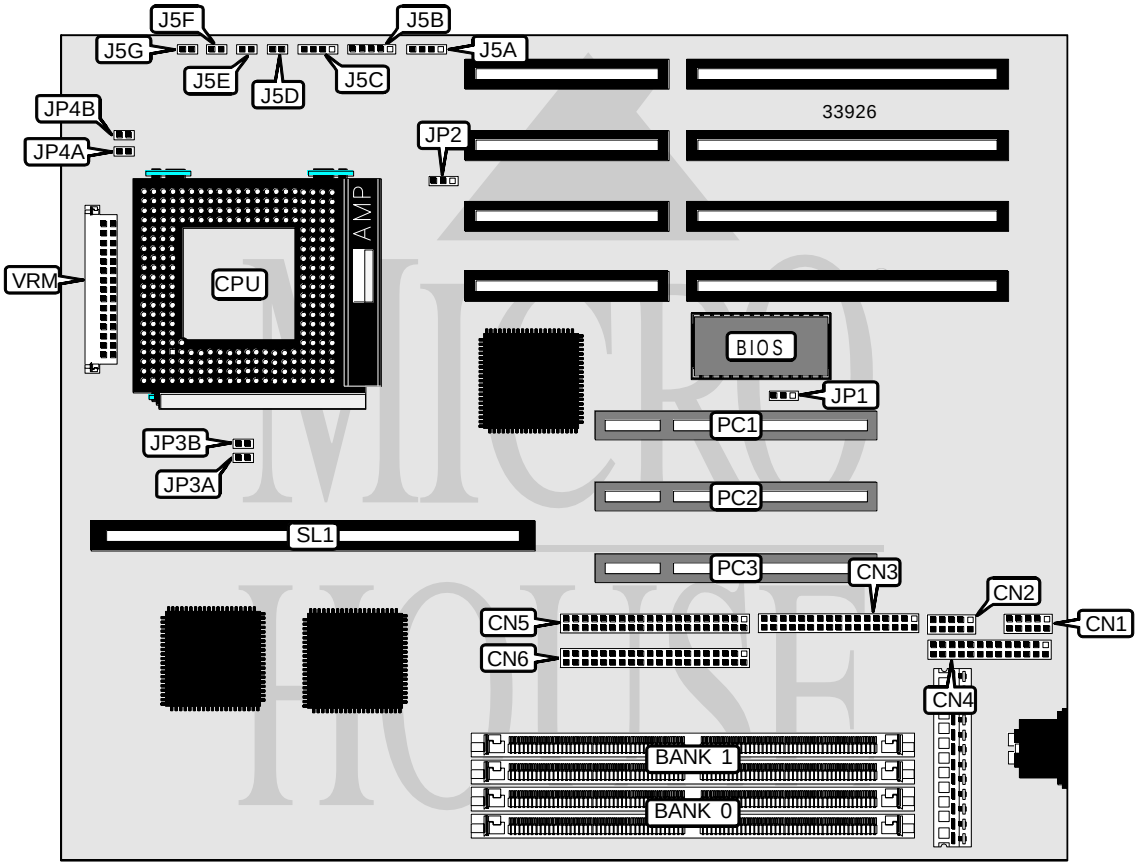
AMPTRON INTERNATIONAL, INC.
P M - 7 4 0 0

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	OPTI
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	260mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, EIDE interfaces (2), parallel port, serial ports (2), cache slot, VRM connector
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 1	CN1	Speaker	J5C
Serial port 2	CN2	Reset switch	J5D
Parallel port	CN3	IDE interface LED	J5E
Floppy drive interface	CN4	Turbo switch	J5F
EIDE interface 2	CN5	Turbo LED	J5G
EIDE interface 1	CN6	32-bit PCI slots	PC1 - PC3
External battery	J5A	Cache slot	SL1
Power LED & keylock	J5B	VRM connector	VRM

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í CMOS memory normal operation	J5A	Pins 2 & 3 closed
CMOS memory clear	J5A	Pins 3 & 4 closed
Battery type select external	J5A	Closed
í Flash BIOS voltage select EPROM	JP1	Open
Flash BIOS voltage select 12v	JP1	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP1	Pins 2 & 3 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
Note: Board accepts EDO memory.		

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CACHE CONFIGURATION	
Size	**SL1**
256KB	256KB module installed
512KB	512KB module installed

CPU SPEED SELECTION (CYRIX, CYXXXX CLOCK)						
CPU speed	**Clock speed**	**Multiplier**	**JP3A**	**JP3B**	**JP4A**	**JP4B**
100MHz	66MHz	2x	Closed	Closed	Open	Closed
120MHz	60MHz	2x	Open	Closed	Open	Closed

CPU SPEED SELECTION (AMD, CYXXXX CLOCK)						
CPU speed	**Clock speed**	**Multiplier**	**JP3A**	**JP3B**	**JP4A**	**JP4B**
100MHz	66MHz	1.5x	Closed	Open	Open	Open

CPU SPEED SELECTION (INTEL, CYXXXX CLOCK)						
CPU speed	**Clock speed**	**Multiplier**	**JP3A**	**JP3B**	**JP4A**	**JP4B**
75MHz	50MHz	1.5x	Closed	Closed	Open	Open
90MHz	60MHz	1.5x	Open	Closed	Open	Open
100MHz	66MHz	1.5x	Closed	Open	Open	Open
120MHz	60MHz	2x	Open	Closed	Open	Closed
133MHz	66MHz	2x	Closed	Open	Open	Closed
150MHz	60MHz	2.5x	Open	Closed	Closed	Closed
166MHz	66MHz	2.5x	Closed	Open	Closed	Closed
180MHz	60MHz	3x	Open	Closed	Closed	Open
200MHz	66MHz	3x	Closed	Open	Closed	Open

CPU SPEED SELECTION (CYRIX, WXXXX CLOCK)						
CPU speed	**Clock speed**	**Multiplier**	**JP3A**	**JP3B**	**JP4A**	**JP4B**
100MHz	66MHz	2x	Closed	Closed	Open	Closed
120MHz	60MHz	2x	Closed	Open	Open	Closed

CPU SPEED SELECTION (AMD, WXXXX CLOCK)						
CPU speed	**Clock speed**	**Multiplier**	**JP3A**	**JP3B**	**JP4A**	**JP4B**
100MHz	66MHz	1.5x	Open	Closed	Open	Open

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CPU SPEED SELECTION (INTEL, WXXXX CLOCK)						
CPU speed	**Clock speed**	**Multiplier**	**JP3A**	**JP3B**	**JP4A**	**JP4B**
75MHz	50MHz	1.5x	Closed	Closed	Open	Open
90MHz	60MHz	1.5x	Closed	Open	Open	Open
100MHz	66MHz	1.5x	Open	Closed	Open	Open
120MHz	60MHz	2x	Closed	Open	Open	Closed
133MHz	66MHz	2x	Open	Closed	Open	Closed
150MHz	60MHz	2.5x	Closed	Open	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Closed	Closed
180MHz	60MHz	3x	Closed	Open	Closed	Open
200MHz	66MHz	3x	Open	Closed	Closed	Open

CPU VOLTAGE SELECTION	
Voltage	**JP2**
3.3v	Pins 2 & 3 closed
í 3.5v	Pins 1 & 2 closed