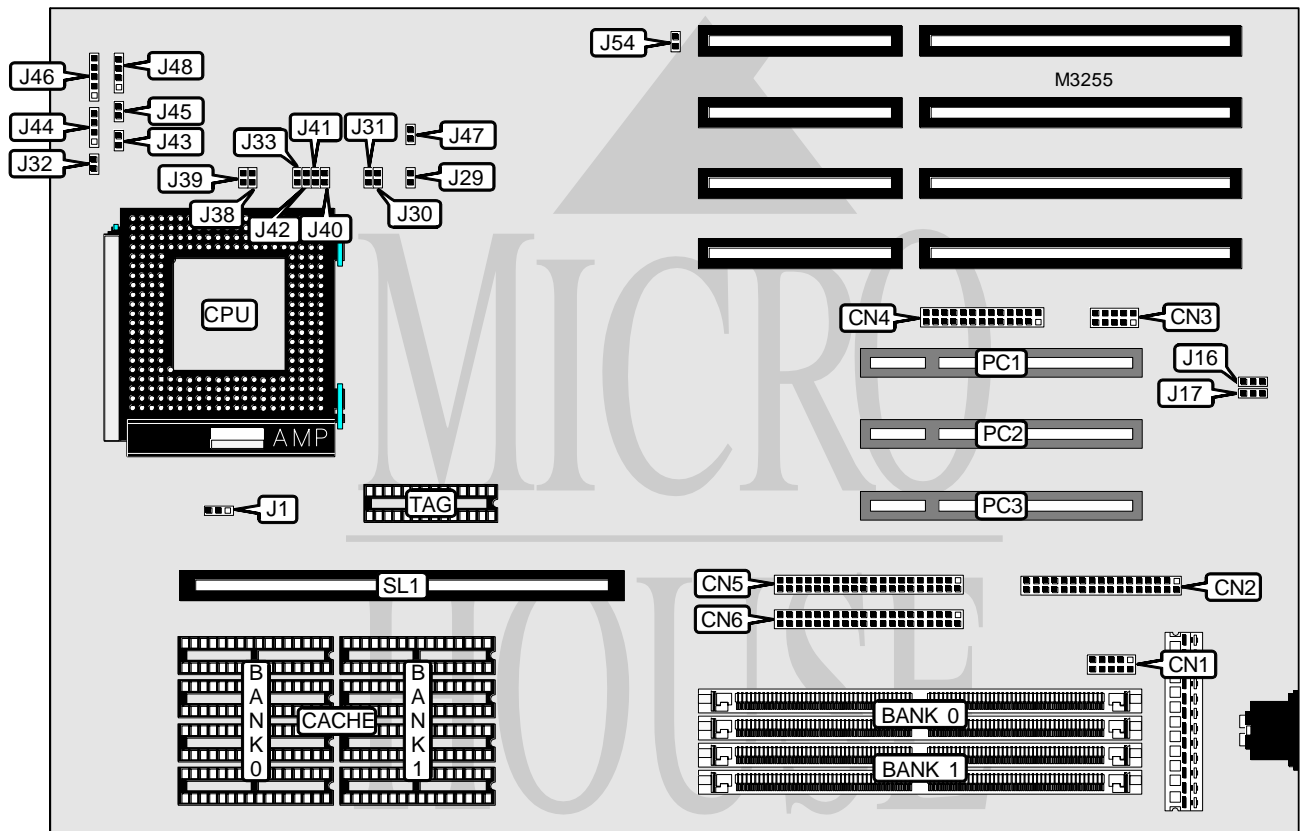


AMPTRON INTERNATIONAL, INC.

PM-7700B VER. 2.0

Processor	Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Max. Onboard DRAM	128MB
Cache	256/512KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2), cache slot
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 2	CN1	Turbo switch	J43
Floppy drive interface	CN2	IDE interface LED	J44
Serial port 1	CN3	Turbo LED	J45
Parallel port	CN4	Power LED & keylock	J46
IDE interface 2	CN5	Speaker	J48
IDE interface 1	CN6	32-bit PCI slots	PC1 - PC3
Green PC connector	J29	Cache slot	SL1
Reset switch	J32		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	J16	Pins 1 & 2 closed
í Factory configured - do not alter	J17	Pins 1 & 2 closed
í Factory configured - do not alter	J39	Open
í CMOS memory normal operation	J47	Open
CMOS memory clear	J47	Closed
í Factory configured - do not alter	J54	N/A

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	None
4MB	(2) 512K x 36	None
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 512K x 36	(2) 256K x 36
6MB	(2) 256K x 36	(2) 512K x 36
8MB	(2) 1M x 36	None
8MB	(2) 512K x 36	(2) 512K x 36
10MB	(2) 1M x 36	(2) 256K x 36
10MB	(2) 256K x 36	(2) 1M x 36
12MB	(2) 1M x 36	(2) 512K 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) 2M x 36	(2) 256K x 36
18MB	(2) 256K x 36	(2) 2M x 36
20MB	(2) 2M x 36	(2) 512K x 36
20MB	(2) 512K x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 4M x 36	(2) 256K x 36
34MB	(2) 256K x 36	(2) 4M x 36
36MB	(2) 4M x 36	(2) 512K x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
66MB	(2) 8M x 36	(2) 256K x 36
66MB	(2) 256K x 36	(2) 8M x 36

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
68MB	(2) 8M x 36	(2) 512K x 36
68MB	(2) 512K x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36

Note: Board accepts EDO memory.

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	TAG	SL1
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 8K x 8	Not installed
256KB (B)	None	None	None	Installed
512KB (A)	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8	Not installed
512KB (B)	None	None	None	Installed

CACHE JUMPER CONFIGURATION	
Size	J1
256KB (A)	Pins 2 & 3 closed
512KB (B)	Pins 1 & 2 closed

CPU SPEED CONFIGURATION				
Speed	J30	J31	J33	J38
75MHz	Closed	Closed	Open	Open
90MHz	Closed	Open	Open	Open
100MHz	Open	Closed	Open	Open
120MHz	Closed	Open	Closed	Open
133MHz	Open	Closed	Closed	Open
150MHz	Closed	Open	Closed	Closed
166MHz	Open	Closed	Closed	Closed
180MHz	Closed	Open	Open	Closed
200MHz	Open	Closed	Open	Closed

CPU VOLTAGE CONFIGURATION			
Voltage	J40	J41	J42
3.35v	Closed	Open	Open
3.46v	Open	Closed	Open
3.6v	Open	Open	Closed