



# AMERICAN MEGATRENDS, INC.

## APOLLO

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USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Cache type select write back	J1	Open
Cache type select write through	J1	Pins 1 & 2 closed
í Monitor type select monochrome/EGA/VGA	J2	Open
Monitor type select CGA	J2	Closed
í Pipeline mode enabled	J3	Closed
Pipeline mode disabled	J3	Open
í Flash BIOS voltage select 5v	J4	Pins 2 & 3 closed
Flash BIOS voltage select 12v	J4	Pins 1 & 2 closed
CPU bus speed select PCLK/3	J5	Pins 1 & 2 closed
CPU bus speed select PCLK/4	J5	Pins 2 & 3 closed
PCI/CPU bus speed ratio select 1/2	J8	Closed
PCI/CPU bus speed ratio select 3/2	J8	Open
í CMOS memory normal operation	JCP	Open
CMOS memory clear	JCP	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
10MB	(2) 1M x 36	(2) 256K x 36
16MB	(2) 2M x 36	None
18MB	(2) 2M x 36	(2) 256K x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 4M x 36	(2) 256K x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36
64MB	(2) 8M x 36	None
66MB	(2) 8M x 36	(2) 256K 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

Note: Board accepts EDO memory. The location of the Banks 0 & 1 are unidentified. Board also accepts x 32 SIMMs.

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB (A) mixed voltage	(8) 32K x 8	(1) 8K x 8
256KB (B) 3.3v	(8) 32K x 8	(1) 8K x 8
512KB mixed voltage	(8) 64K x 8	(1) 32K x 8

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CACHE JUMPER CONFIGURATION							
Size	J9	J10	JC1	JPW1	JPW2	JPW3	JPW4
256KB (A)	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
256KB (B)	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
512KB	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION			
Speed	JK1	JK2	JK3
75MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
90MHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
100MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
120MHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
133MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed

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