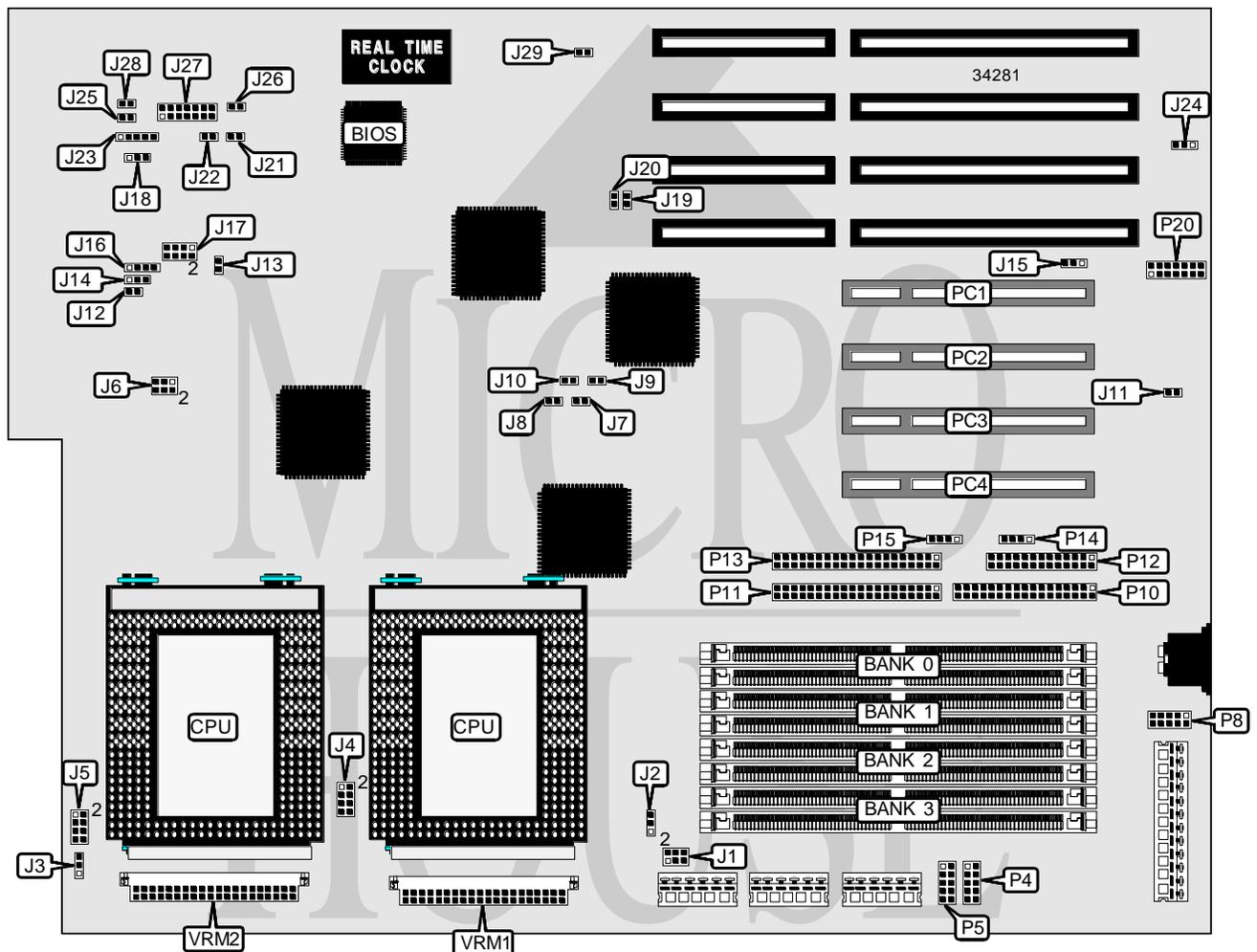


AMERICAN MEGATRENDS, INC. MEGAPRO

Processor	Pentium Pro
Processor Speed	133/150/166/180/200MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium Pro CPU)
BIOS	AMI
Dimensions	355mm x 304mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), VGA interface, IR connector, VRM connectors (2), USB connectors (2)
NPU Options	None



Continued on next page...

AMERICAN MEGATRENDS, INC.
MEGAPRO

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
CPU fan	J2	PS/2 mouse interface	P8
CPU fan	J3	Floppy drive interface	P10
Chassis door connector	J12	IDE interface 1	P11
IDE interface LED	J13	Parallel port	P12
Speaker	J16	IDE interface 2	P13
Chassis fan power	J18	USB connector 1	P14
Green PC connector	J21	USB connector 2	P15
Power LED & keylock	J23	VGA connector	P20
Turbo LED	J26	32-bit PCI slots	PC1 – PC4
Reset switch	J28	VRM connector 1	VRM1
Serial port 1	P4	VRM connector 2	VRM2
Serial port 2	P5		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J11	Open
í Factory configured - do not alter	J14	Pins 1 & 2 closed
PS/2 mouse IRQ12 enabled	J15	Pins 2 & 3 closed
PS/2 mouse IRQ12 disabled	J15	Pins 1 & 2 closed
í On board PCI VGA enabled	J19	Open
On board PCI VGA disabled	J19	Closed
í PCI IRQ disabled	J20	Closed
PCI IRQ enabled	J20	Open
í Server management SMI disabled	J22	Open
Server management SMI enabled	J22	Closed
í External SMI disabled	J25	Open
External SMI enabled	J25	Closed
í Factory configured - do not alter	J27	Open
í CMOS memory normal operation	J29	Open
CMOS memory clear	J29	Closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(2) 1M x 36	None	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
16MB	(2) 2M x 36	None	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	None
24MB	(2) 1M x 36	(2) 2M x 36	None	None
24MB	(2) 2M x 36	(2) 1M x 36	None	None
32MB	(2) 1M x 36			
32MB	(2) 2M x 36	(2) 1M x 36	(2) 1M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36	None	None

Continued on next page...

AMERICAN MEGATRENDS, INC.
MEGAPRO

... continued from previous page

DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(2) 4M x 36	None	None	None
40MB	(2) 1M x 36	(2) 2M x 36	(2) 2M x 36	None
40MB	(2) 1M x 36	(2) 4M x 36	None	None
40MB	(2) 2M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
40MB	(2) 4M x 36	(2) 1M x 36	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	None
48MB	(2) 2M x 36	(2) 4M x 36	None	None
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36	None
56MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	(2) 1M x 36
56MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
64MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	(2) 8M x 36	None	None	None
72MB	(2) 4M x 36	(2) 4M x 36	(2) 1M x 36	None
72MB	(2) 8M x 36	(2) 1M x 36	None	None
80MB	(2) 2M x 36	(2) 8M x 36	None	None
80MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36	None
88MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	None
96MB	(2) 4M x 36	(2) 8M x 36	None	None
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36	None
112MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 2M x 36
112MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
128MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36	None
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 16M x 36	None	None	None
136MB	(2) 16M x 36	(2) 1M x 36	None	None
144MB	(2) 16M x 36	(2) 2M x 36	None	None
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36	None
152MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None	None
160MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36	None
176MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	None
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36	None
192MB	(2) 16M x 36	(2) 8M x 36	None	None
200MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36

Continued on next page...

AMERICAN MEGATRENDS, INC.
MEGAPRO

... continued from previous page

DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
208MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	(2) 2M x 36
224MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	(2) 4M x 36
224MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
256MB	(2) 8M x 36			
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36	None
256MB	(2) 16M x 36	(2) 16M x 36	None	None
264MB	(2) 16M x 36	(2) 16M x 36	(2) 1M x 36	None
288MB	(2) 16M x 36	(2) 16M x 36	(2) 4M x 36	None
320MB	(2) 16M x 36	(2) 16M x 36	(2) 8M x 36	None
320MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	None
400MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	(2) 2M x 36
416MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	(2) 4M x 36
512MB	(2) 16M x 36			

Note: Board accepts EDO memory.

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

CPU SPEED SELECTION					
CPU speed	Clock speed	Multiplier	J7	J8	J9
133MHz	66MHz	2x	Open	Closed	Open
150MHz	60MHz	2.5x	Closed	Open	Closed
166MHz	66MHz	2.5x	Open	Closed	Open
180MHz	60MHz	3x	Closed	Open	Closed
200MHz	66MHz	3x	Open	Closed	Open

CPU SPEED SELECTION					
CPU speed	Clock speed	Multiplier	J10	J17	J24
133MHz	66MHz	2x	Closed	1 & 2, 3 & 4, 5 & 6, 7 & 8	1 & 2
150MHz	60MHz	2.5x	Open	3 & 4, 5 & 6, 7 & 8	1 & 2
166MHz	66MHz	2.5x	Closed	3 & 4, 5 & 6, 7 & 8	1 & 2
180MHz	60MHz	3x	Open	1 & 2, 5 & 6, 7 & 8	1 & 2
200MHz	66MHz	3x	Closed	1 & 2, 5 & 6, 7 & 8	1 & 2

Note: Pins designated should be in the closed position.

Continued on next page...

AMERICAN MEGATRENDS, INC.
MEGAPRO

... continued from previous page

CPU VOLTAGE SELECTION		
Voltage	J4	J5
None	Open	Open
2.1v	7 & 8	7 & 8
2.2v	5 & 6	5 & 6
2.3v	5 & 6, 7 & 8	5 & 6, 7 & 8
2.4v	3 & 4	3 & 4
2.5v	3 & 4, 7 & 8	3 & 4, 7 & 8
2.6v	3 & 4, 5 & 6	3 & 4, 5 & 6
2.7v	3 & 4, 5 & 6, 7 & 8	3 & 4, 5 & 6, 7 & 8
2.8v	1 & 2	1 & 2
2.9v	1 & 2, 7 & 8	1 & 2, 7 & 8
3.0v	1 & 2, 5 & 6	1 & 2, 5 & 6
3.1v	1 & 2, 5 & 6, 7 & 8	1 & 2, 5 & 6, 7 & 8
3.2v	1 & 2, 3 & 4	1 & 2, 3 & 4
3.3v	1 & 2, 3 & 4, 7 & 8	1 & 2, 3 & 4, 7 & 8
3.4v	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6
3.5v	1 & 2, 3 & 4, 5 & 6, 7 & 8	1 & 2, 3 & 4, 5 & 6, 7 & 8

Note: Pins designated should be in the closed position.

3.3V POWER SELECTION		
Setting	J1	J6
From voltage regulator	Open	1 & 2, 3 & 4, 5 & 6
From power supply	1 & 2, 3 & 4, 5 & 6	Open

Note: Pins designated should be in the closed position.