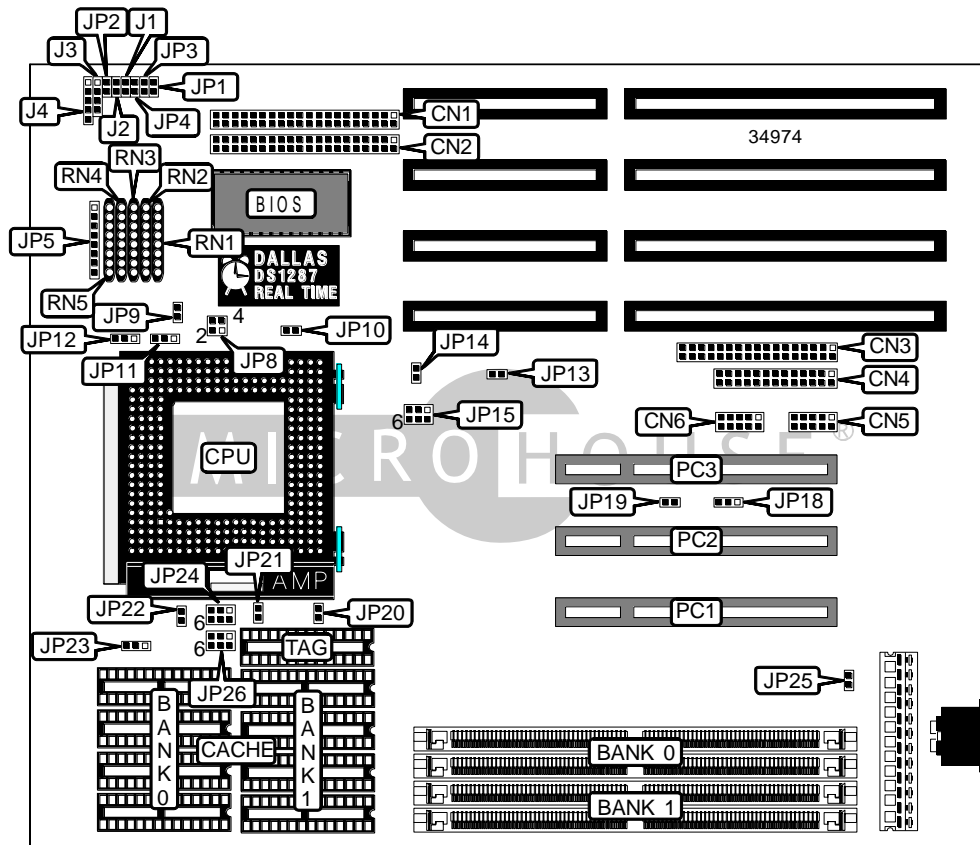


GIGA-BYTE TECHNOLOGY CO., LTD.  
 GA-486AM/AMS (REV. 2),  
 GA-486AM/AMS (REV. 2.1)

<b>Processor</b>	CX486/AM486/UMC/SL80486SX/80486SX/SL80486DX/80486DX/ SL80486DX2/80486DX2/P24D/AM486DX4/80486DX4/Pentium Overdrive
<b>Processor Speed</b>	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
<b>Chip Set</b>	UMC
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	128/256/512/1024KB
<b>BIOS</b>	Award
<b>Dimensions</b>	250mm x 220mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2)
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface 1	CN1	Speaker	J3
IDE interface 2	CN2	Power LED & keylock	J4
Floppy drive interface	CN3	IDE interface LED	JP1
Parallel port	CN4	Turbo LED	JP2
Serial port 2	CN5	Green PC connector	JP3
Serial port 1	CN6	Green PC LED	JP4
Reset switch	J1	Green PC connector	JP25
Turbo switch	J2	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP14	Pins 1 & 2 closed
í Factory configured - do not alter	JP18	Pins 2 & 3 closed
í Factory configured - do not alter	JP19	Closed
í Cache type select write through	JP20	Closed
Cache type select write back	JP20	Open

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 512K x 36	(2) 256K x 36
8MB	(2) 1M x 36	NONE
10MB	(2) 1M x 36	(2) 256K x 36
12MB	(2) 1M x 36	(2) 512K x 36
16MB	(2) 2M x 36	NONE
18MB	(2) 2M x 36	(2) 256K x 36
20MB	(2) 2M x 36	(2) 512K x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	NONE
34MB	(2) 4M x 36	(2) 256K x 36
36MB	(2) 4M x 36	(2) 512K 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
66MB	(2) 8M x 36	(2) 256K 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

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CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 16K x 8
256KB (B)	(4) 64K x 8	NONE	(1) 16K x 8
512KB (A)	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8
512KB (B)	(4) 128K x 8	NONE	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 64K x 8

CACHE JUMPER CONFIGURATION		
Size	JP24	JP26
128KB	Open	Pins 3 & 5 closed
256KB (A)	Pins 1 & 2 closed	Pins 1 & 3 closed
256KB (B)	Pins 1 & 2 closed	Pins 3 & 5 closed
512KB (A)	Pins 1 & 2, 3 & 4 closed	Pins 2 & 4 closed
512KB (B)	Pins 1 & 2, 3 & 4 closed	Pins 3 & 5 closed
1MB	Pins 1 & 2, 3 & 4, 5 & 6 closed	Pins 4 & 6 closed

CPU TYPE CONFIGURATION					
Type	RN1	RN2	RN3	RN4	RN5
Cyrix	Installed	Not installed	Not installed	Installed	Not installed
AMD	Not installed	Installed	Not installed	Not installed	Installed
UMC	Not installed	Not installed	Installed	Not installed	Not installed
Intel	Not installed	Installed	Not installed	Not installed	Installed

CPU TYPE CONFIGURATION	
Type	JP8
All CPU types	Pins 1 & 2 closed
Intel S-series	Pins 3 & 4 closed
AMD S-series	Pins 3 & 4 closed

CPU TYPE CONFIGURATION	
Type	JP9
All CPU types	Closed
AMD	Open
UMC	Open

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CPU TYPE CONFIGURATION	
Type	JP11
80486SX	Pins 2 & 3 closed
80486DX	Pins 1 & 2 closed

CPU TYPE CONFIGURATION	
Type	JP13
All CPU types	Closed
80486DX4	Open

CPU TYPE CONFIGURATION	
Type	JP5
Cyrix	Pins 1 & 2, 3 & 4 closed
AMD	Pins 3 & 4, 5 & 6 closed
UMC	Pins 5 & 6, 7 & 8 closed
Intel	Pins 3 & 4, 5 & 6 closed

CPU SPEED CONFIGURATION	
Speed	JP15
25MHz	Pins 1 & 2 closed
33MHz	Pins 1 & 2, 3 & 4, 5 & 6 closed
40MHz	Pins 1 & 2, 3 & 4 closed
50iMHz	Pins 1 & 2 closed
50MHz	Pins 5 & 6 closed
66iMHz	Pins 1 & 2, 3 & 4, 5 & 6 closed
75iMHz	Pins 1 & 2 closed
100iMHz	Pins 1 & 2, 3 & 4, 5 & 6 closed

CPU SPEED CONFIGURATION (P24D & AM486DX4 ONLY)	
Speed	JP12
2x	Pins 2 & 3 closed
3x	Pins 1 & 2 closed

CPU SPEED CONFIGURATION (80486DX4 ONLY)	
Speed	JP10
2x	Closed
3x	Open

CPU VOLTAGE CONFIGURATION			
Processor Type	Voltage	JP22	JP23
Intel/AMD	3.3v	Open	Pins 1 & 2 closed
Cyrix	3.3v	Open	Pins 2 & 3 closed
Cyrix	4v	Closed	Pins 2 & 3 closed
Intel/AMC/Cyrix/UMC	5v	Open	Pins 1 & 2 closed