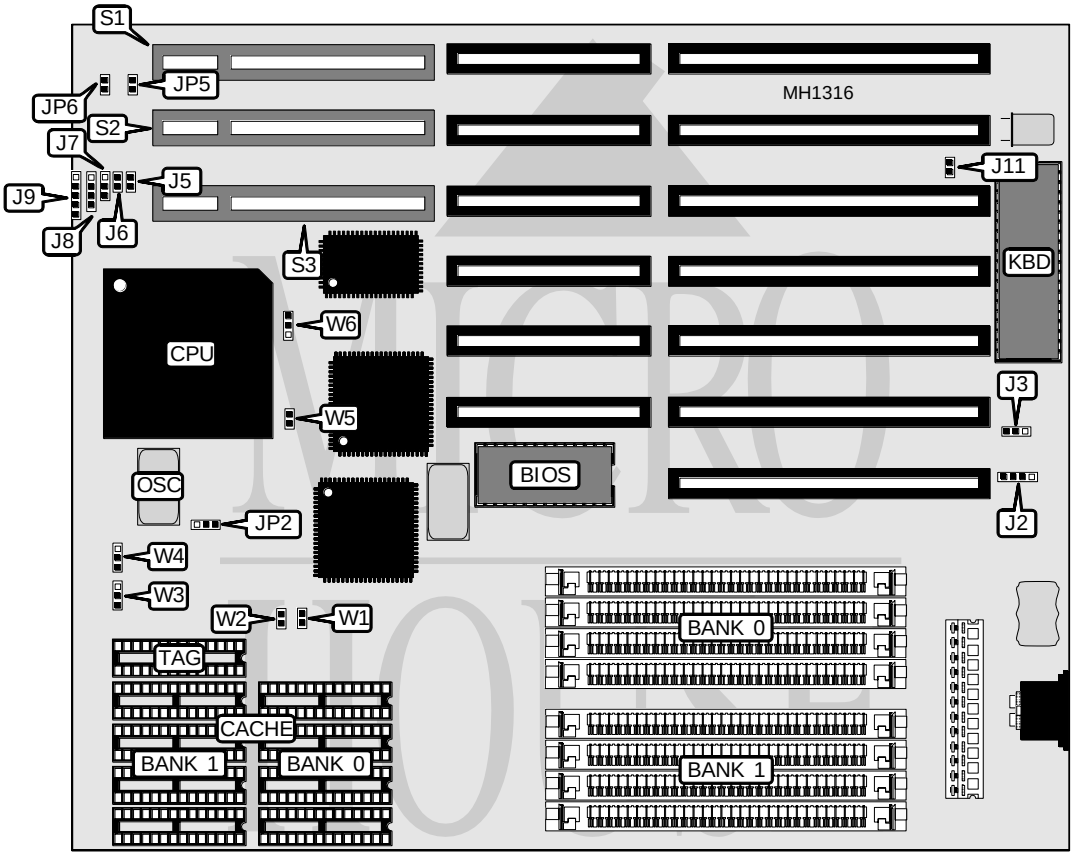
GIGA-BYTE TECHNOLOGY CO., LTD.
G A - 4 8 6 V M

Processor	80486SX/80487SX/80486DX/80486DX2
Processor Speed	20/25/33/50(internal)/50/66(internal)MHz
Chip Set	UMC
Max. Onboard DRAM	32MB
SRAM Cache	64/128/256KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	VESA local bus slots (3)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J2	Speaker	J8
Turbo LED	J5	Power LED & keylock	J9
Reset switch	J6	32-bit VESA card (3)	S1 - S3
Turbo switch	J7		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	J3	pins 1 & 2 closed
CMOS memory clear	J3	pins 2 & 3 closed
í Monitor type select color	J11	closed
Monitor type select monochrome	J11	open
í VESA bus wait states select 0	JP5	open
VESA bus wait state select 1	JP5	open

CPU JUMPER CONFIGURATION					
CPU Type	OSC	JP2	JP6	W5	W6
80486SX-20	20MHz	pins 1 & 2 closed	open	open	pins 2 & 3 closed
80486SX-20	40MHz	pins 1 & 2 closed	open	closed	pins 2 & 3 closed
80486SX-25	25MHz	pins 1 & 2 closed	open	open	pins 2 & 3 closed
80487SX-25	25MHz	pins 1 & 2 closed	open	open	pins 1 & 2 closed
80486DX-25	25MHz	pins 1 & 2 closed	open	open	pins 1 & 2 closed
80486DX-33	33.3MHz	pins 1 & 2 closed	open	open	pins 1 & 2 closed
80486DX-40	40MHz	pins 1 & 2 closed	open	open	pins 1 & 2 closed
80486DX-50	50MHz	pins 2 & 3 closed	closed	open	pins 1 & 2 closed
80486DX2-50	25MHz	pins 1 & 2 closed	open	open	pins 1 & 2 closed
80486DX2-66	33.3MHz	pins 1 & 2 closed	open	open	pins 1 & 2 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
5MB	(4) 1M x 9	(4) 256K x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9

SRAM JUMPER CONFIGURATION				
Size	W1	W2	W3	W4
64KB	open	open	pins 1 & 2 closed	pins 1 & 2 closed
128KB	closed	open	pins 2 & 3 closed	pins 2 & 3 closed
256KB	closed	closed	pins 1 & 2 closed	pins 2 & 3 closed

SRAM CONFIGURATION			
Size	Cache SRAM	Location	TAG
64KB	(8) 8K x 8	Banks 0 & 1	(1) 8K x 8
128KB	(4) 32K x 8	Bank 0	(1) 8K x 8
256KB	(8) 32K x 8	Banks 0 & 1	(1) 32K x 8