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M U L T I M E D I A   E X P R E S S

Processor	80486SX/80486DX/80486DX2/Pentium Overdrive
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	ALR
Max. Onboard DRAM	36MB
Cache	64/128/256KB
BIOS	Phoenix
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (1), floppy drive interface, IDE interface, parallel port, PS/2 mouse port,serial ports (2), VGA port
NPU Options	None
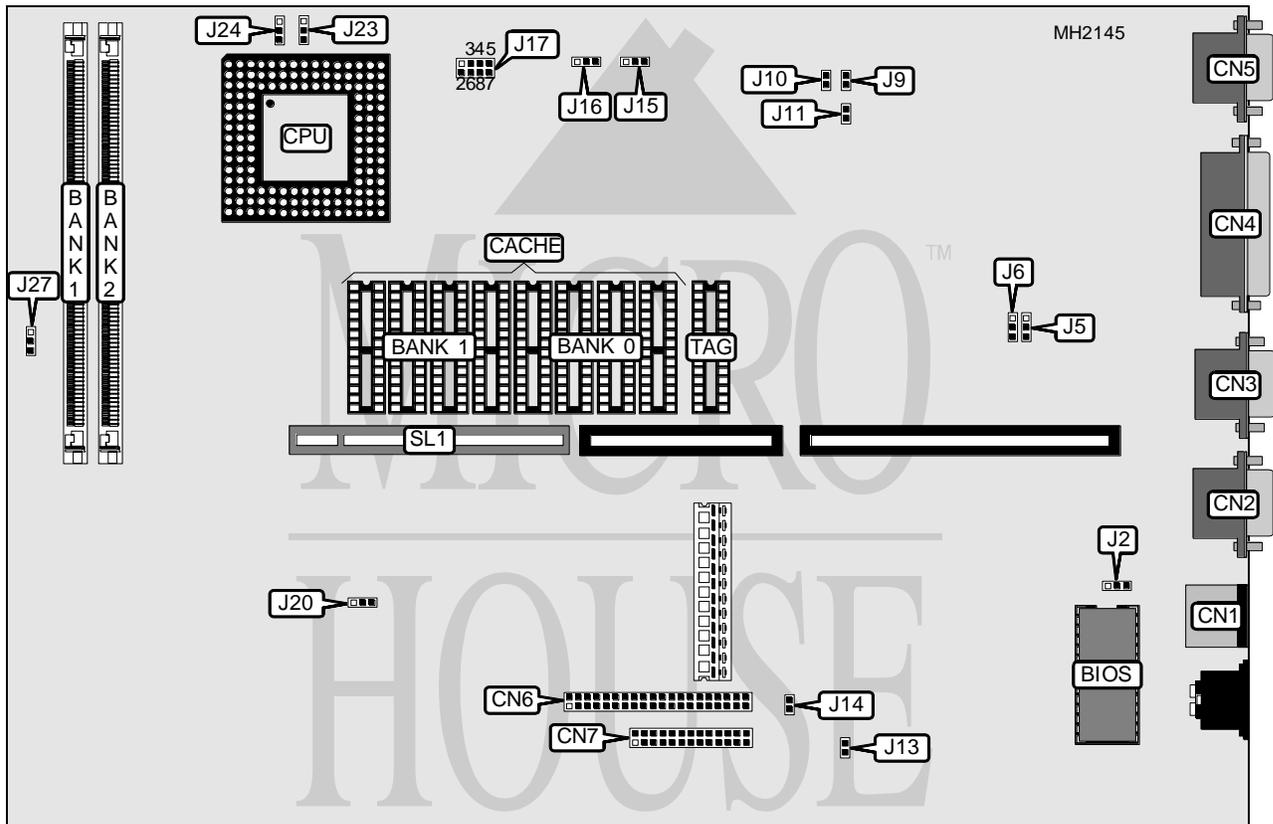
CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	VGA port	CN5
Serial port 1	CN2	IDE interface	CN6
Serial port 2	CN3	Floppy drive interface	CN7
Parallel port	CN4	32-bit VESA local bus slot	SL1

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Password check disabled	J2	pins 2 & 3 closed
Password check enabled	J2	pins 1 & 2 closed
í On board battery enabled	J13	Closed
On board battery disabled	J13	Open
í DRAM parity enabled	J14	Open
DRAM parity disabled	J14	Closed
í On board VGA enabled	J20	pins 1 & 2 closed
On board VGA disabled	J20	pins 2 & 3 closed
í Keylock enabled	J27	pins 2 & 3 closed
Keylock disabled	J27	pins 1 & 2 closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
4MB	(8) 512K x 8	NONE	NONE
8MB	(8) 512K x 8	(1) 1M x 36	NONE
12MB	(8) 512K x 8	(1) 1M x 36	(1) 1M x 36
12MB	(8) 512K x 8	(1) 2M x 36	NONE
16MB	(8) 512K x 8	(1) 1M x 36	(1) 2M x 36
20MB	(8) 512K x 8	(1) 4M x 36	NONE
20MB	(8) 512K x 8	(1) 2M x 36	(1) 2M x 36
24MB	(8) 512K x 8	(1) 1M x 36	(1) 4M x 36
36MB	(8) 512K x 8	(1) 4M x 36	(1) 4M x 36
Note: Bank 0 is factory installed and is not configurable.			

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	J5	J6	J23	J24
64KB	pins 2 & 3 closed	pins 2 & 3 closed	Open	pins 1 & 2 closed
128KB	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION			
Type	J9	J10	J11
80486SX (PQFP)	Open	Closed	Open
80486 (PGA)	Open	Open	Open
80486DX	Closed	Closed	Open
80486DX2	Closed	Closed	Open
Pentium Overdrive	Open	Closed	Closed

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CPU SPEED CONFIGURATION	
Speed	J17
25MHz	pins 4 & 8 closed
33MHz	pins 3 & 6 closed
50iMHz	pins 4 & 8 closed
66iMHz	pins 3 & 6 closed

CPU CLOCK CONFIGURATION	
Gate delay	J15
1 gate delay	pins 1 & 2 closed
0 gate delays	pins 2 & 3 closed

VESA CLOCK CONFIGURATION	
Gate delay	J16
1 gate delay	pins 1 & 2 closed
0 gate delays	pins 2 & 3 closed