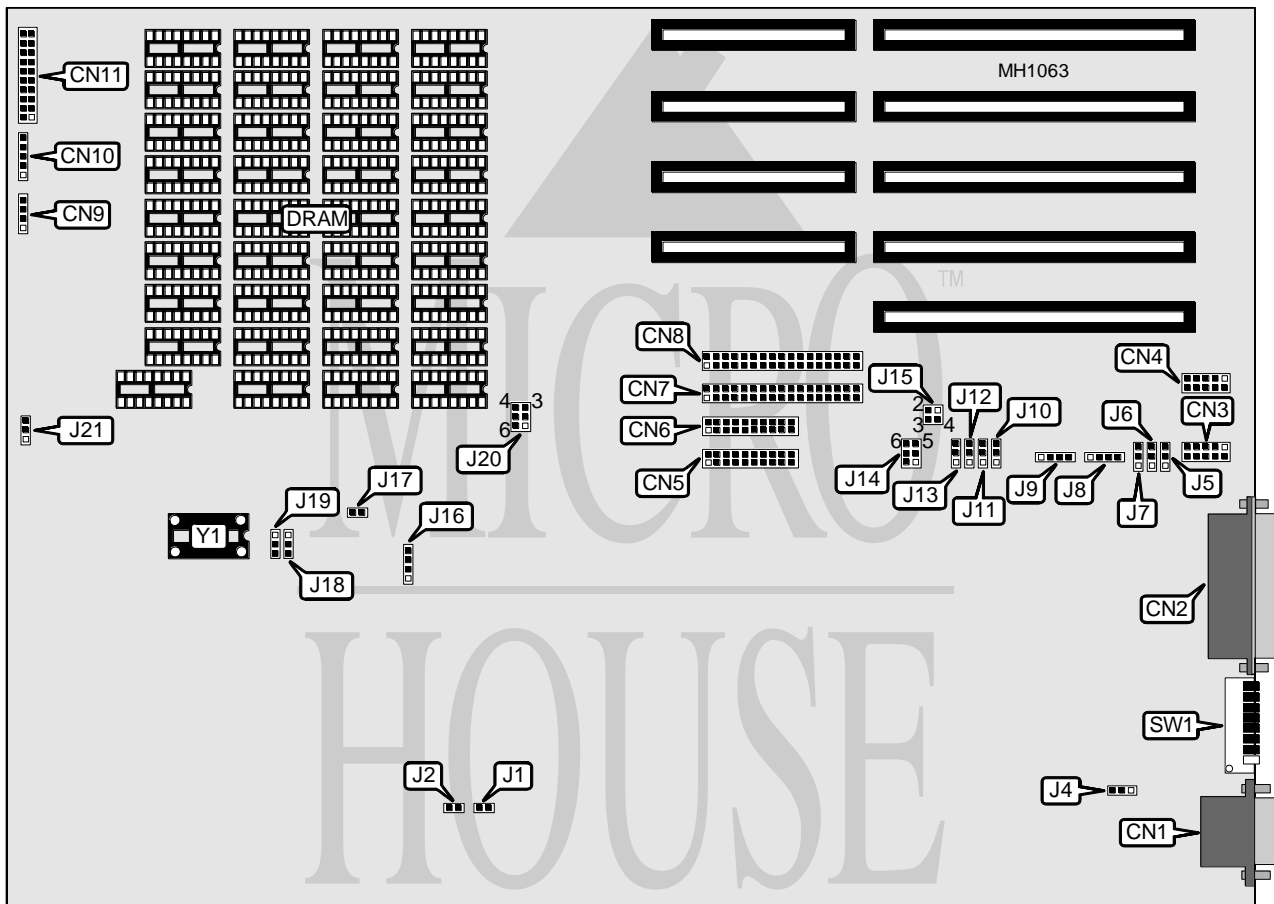


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286 SYSTEM

Processor	80286
Processor Speed	8/10MHz
Chip Set	Unknown
Max. Onboard DRAM	1MB
Cache	None
BIOS	ARC
Dimensions	330mm x 218mm
I/O Options	EGA port, floppy drive interface, MIPS meter, parallel port, serial ports (2), ST506 hard drive interface
NPU Options	80287



CONNECTIONS			
Purpose	Location	Purpose	Location
Video monitor port	CN1	ST506 hard drive(control)	CN7
Parallel port	CN2	Floppy drive interface	CN8
Serial port 1	CN3	Speaker	CN9
Serial port 2	CN4	Keyboard	CN10
ST506 hard drive two(data)	CN5	MIPS meter	CN11
ST506 hard drive one(data)	CN6	External battery	J16

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í BIOS type select 27128	J1	Open
BIOS type select 27256	J1	Closed
í DRAM wait states select zero	J2	Closed
DRAM wait state select one	J2	Open
í Monitor type select EGA	J4	pins 1 & 2 closed
Monitor type select CGA or monochrome	J4	pins 2 & 3 closed
í Serial port COM1 enabled	J5	pins 2 & 3 closed
Serial port COM1 disabled	J5	pins 1 & 2 closed
í Serial port COM2 enabled	J6	pins 2 & 3 closed
Serial port COM2 disabled	J6	pins 1 & 2 closed
í Parallel port LPT1 enabled	J7	pins 2 & 3 closed
Parallel port LPT1 disabled	J7	pins 1 & 2 closed
í Factory configured - do not alter	J8	pins 1 & 2, 3 & 4 closed
í Factory configured - do not alter	J9	pins 1 & 2 closed
í Monitor port starting address select primary	J11	pins 1 & 2 closed
Monitor port starting address select secondary	J11	pins 2 & 3 closed
í Factory configured - do not alter	J13	Open
í Hard drive address select primary	J14	pins 1 & 3 closed
Hard drive address select secondary	J14	pins 1 & 2 closed
í Floppy drive address select primary	J14	pins 5 & 6 closed
Floppy drive address select secondary	J14	pins 4 & 6 closed
í Floppy drive type select single speed	J15	pins 1 & 4 open
Floppy drive type select dual speed	J15	pins 1 & 4 closed
í Floppy drive write precompensation select 125ns	J15	pins 2 & 3 open
Floppy drive write precompensation select 187ns	J15	pins 2 & 3 closed
í CPU speed select switchable at turbo switch	J20	pins 1 & 6 closed
CPU speed select switchable at keyboard	J20	pins 2 & 5 closed
CPU speed select fast	J20	pins 3 & 4 closed
í Monitor type select color	J21	pins 2 & 3 closed
Monitor type select monochrome	J21	pins 1 & 2 closed
í Factory configured - do not alter	SW1/7	Off
í Factory configured - do not alter	SW1/8	Off

DRAM JUMPER CONFIGURATION	
Size	J17
512KB (disable memory above 512KB)	Closed
1MB (all memory is enabled)	Open
Note: The system is factory configured with 1MB installed on-board.	

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NPU SPEED CONFIGURATION		
Speed	J18	J19
OSC Y1/3	N/A	pins 2 & 3 closed
5.3MHz	pins 2 & 3 closed	pins 1 & 2 closed
8MHz	pins 1 & 2 closed	pins 1 & 2 closed

SINGLE MONITOR SYSTEM SWITCH CONFIGURATION (PRIMARY MONITOR CONNECTED AT CN1)				
Monitor Type	SW1/1	SW1/2	SW1/3	SW1/4
Monochrome	Off	Off	On	Off
CGA 40 x 25	On	Off	Off	On
CGA 80 x 25	Off	Off	Off	On
EGA Low Resolution	On	On	On	Off
EGA High Resolution	Off	On	On	Off

DUAL MONITOR SYSTEM SWITCH CONFIGURATION (PRIMARY MONITOR CONNECTED AT CN1)					
Primary	Secondary	SW1/1	SW1/2	SW1/3	SW1/4
Monochrome	CGA 40 x 25	On	Off	On	Off
Monochrome	CGA 80 x 25	Off	Off	On	Off
CGA 40 x 25	Monochrome	On	Off	Off	On
CGA 80 x 25	Monochrome	Off	Off	Off	On
EGA Low Res	Monochrome	On	On	On	Off
EGA High Res	Monochrome	Off	On	On	Off

DUAL MONITOR SYSTEM SWITCH CONFIGURATION (SECONDARY MONITOR CONNECTED AT CN1)					
Primary	Secondary	SW1/1	SW1/2	SW1/3	SW1/4
CGA 40 x 25	Monochrome	On	On	Off	On
CGA 80 x 25	Monochrome	Off	On	Off	On
Monochrome	CGA 40 x 25	On	On	On	On
Monochrome	CGA 80 x 25	Off	On	On	On
Monochrome	EGA Low Res	On	Off	On	On
Monochrome	EGA High Res	Off	Off	On	On

PRIMARY MONITOR POWER-ON CONFIGURATION			
Monitor Type	Mode at Power-On	SW1/5	SW1/6
Monochrome/CGA/EGA	MDA/Hercules	Off	On
CGA/EGA	CGA	On	Off
EGA	EGA	On	On

MONITOR MODE CONFIGURATION		
Setting	J10	J12
Switchable by software using the utility AUTOMODE.COM	pins 2 & 3 closed	pins 2 & 3 closed
CGA/EGA (AUTOMODE.COM utility cannot be used)	pins 1 & 2 closed	pins 1 & 2 closed