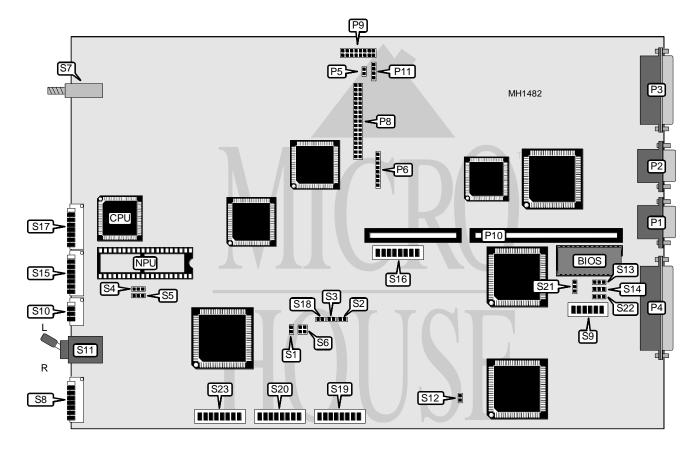
Processor	80286
Processor Speed	10MHz
Chip Set	Intel
Max. onboard DRAM	640KB
SRAM Cache	None
BIOS	Phoenix
Dimensions	330mm x 218mm
I/O Options	Floppy drive interface, parallel port, serial port, video port
NPU Options	80287



CONNECTIONS						
Purpose Location Purpose Locati						
Video port	P1	Floppy drive interface	P8			
Serial port	P2	Keyboard and status LEDs	P9			
Parallel port	P3	Riser card	P10			
External floppy drive	P4	External battery	P11			
Speaker	P5	Reset switch	S7			
Power supply	P6					

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USER CONFIGURABLE SETTINGS					
Function	Jumper/Switch	Position			
í RAS/ALE output select normal	S1	Open			
RAS/ALE output select early	S1	Closed			
í Write precompensation select 125ns	S2	Open			
Write precompensation select 187ns	S2	Closed			
í Floppy drive type select single speed	S3	Open			
Floppy drive type select dual speed	S3	Closed			
í BIOS type select 27256	S4	pins 1 & 2 closed			
BIOS type select 27512	S4	pins 2 & 3 closed			
í BIOS type select EPROM	S5	pins 1 & 2 closed			
BIOS type select ROM	S5	pins 2 & 3 closed			
í IOCHRDY control of memory select enabled	S6	pins 1 & 4 closed			
IOCHRDY control of memory select disabled	S6	pins 2 & 3 closed			
í Parallel port enabled	S8/3	On			
Parallel port disabled	S8/3	Off			
í Floppy interface enabled	S8/6	On			
Floppy interface disabled	S8/6	Off			
í Floppy address select 3F0-3F7	S8/7	Off			
Floppy address select 370-377	S8/7	On			
í Monitor type select color	S8/8	On			
Monitor type select monochrome	S8/8	Off			
í Factory configured - do not alter	S9/1	Off			
í Factory configured - do not alter	S9/2	Off			
í Factory configured - do not alter	S9/3	On			
í Factory configured - do not alter	S9/4	On			
í F1 key operation during test mode disabled	S9/5	Off			
F1 key operation during test mode enabled	S9/5	Off			
í External monitor port mode select CGA	S11	Left			
External monitor port mode select EGA	S11	Right			
í Monitor I/O address select 3xx	S12	Open			
Monitor I/O address select 2xx	S12	Closed			
í Data sampling selection DOCLK rise	S15/5	On			
Data sampling selection DOCLK fall	S15/5	Off			
í LCD display normal (dark characters, light background)	S15/6	On			
LCD display reverse (light characters, dark background)	S15/6	Off			
í CGA, MDA, Hercules emulation mode select enabled	S15/7	Off			
CGA, MDA, Hercules emulation mode select disabled	S15/7	On			

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USER CONFIGURABLE SETTINGS (CONTINUED)					
Function	Jumper/Switch	Position			
í CRT mode select 200 line	S15/8	On			
CRT mode select 400 line	S15/8	Off			
í Factory configured - do not alter	S16/7	On			
í Factory configured - do not alter	S16/8	On			
í Memory access select 1 wait state	S18	Open			
Memory access select 0 wait state	S18	Closed			
í Factory configured - do not alter	S20/1	Off			
í Factory configured - do not alter	S20/2	On			
í Factory configured - do not alter	S20/3	On			
í Factory configured - do not alter	S20/4	On			
í Factory configured - do not alter	S20/5	On			
í Factory configured - do not alter	S20/6	Off			
í Factory configured - do not alter	S20/7	Off			
í Factory configured - do not alter	S20/8	Off			
í Factory configured - do not alter	S23/1	On			
í Factory configured - do not alter	S23/2	On			
í Factory configured - do not alter	S23/3	On			
í Factory configured - do not alter	S23/4	On			
í Factory configured - do not alter	S23/5	On			
í Factory configured - do not alter	S23/6	Off			
í Factory configured - do not alter	S23/7	On			
í Factory configured - do not alter	S23/8	Off			

SERIAL PORT CONFIGURATION						
Port Assignment Address S8/4 S8/5						
í COM1	3F8-3FF	On	Off			
COM2	2F8-2FF	Off	On			
Disabled	N/A	Off	Off			

VIDEO BIOS CONFIGURATION								
CRTC BIOS	Access Type	S13	S14	S21	S22			
27128	Linear	pins 2 & 3						
27128	Bank	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 1 & 2			
í 27256	Linear	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 2 & 3			
27256	Bank	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 1 & 2			
27512	Linear	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 2 & 3			
27512	Bank	pins 1 & 2						

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	DRIVE LOCATION CONFIGURATION							
Internal Bay 1	Internal Bay 2	External (P4)	S8/1	S8/2				
A: 3 1/2"	B: 3 1/2"	N/A	On	On				
B: 3 1/2"	A: 3 1/2"	N/A	Off	On				
í A: 3 1/2"	N/A	B: 5 1/4"	On	Off				
B: 3 1/2"	N/A	A: 5 1/4"	Off	Off				

LCD COLOR DISPLAY CONFIGURATION (S15/SWITCHES 1-4) TABLE 1								
	1234	1234	1234	1234	1234	1234	1234	1234
Color	0000	0010	0100	0110	1000	1010	1100	1110
Black	n	0	0	0	0	0	0	0
Blue	0	n	0	0	0	0	0	0
Green	0	0	n	0	0	о	0	0
Cyan	0	0	0	n	0	0	0	0
Red	0	0	0	0	n	0	0	0
Magenta	0	0	0	0	0	n	0	0
Yellow	0	0	0	0	0	о	n	0
White	0	0	0	0	0	0	0	n
Note: n =	Displayable,	o = Not displ	ayed					

	LCD COLOR DISPLAY CONFIGURATION (S15/SWITCHES 1-4) TABLE 2								
	1234	1234	1234	1234	1234	1234	1234	1234	
Color	0001	0011	0101	0111	1001	1011	1101	1111	
Black	n	0	0	0	0	0	0	0	
Blue	n	n	0	0	0	0	0	0	
Green	n	n	n	0	0	0	0	0	
Cyan	n	n	n	n	0	0	0	0	
Red	n	n	n	n	n	0	0	0	
Magenta	n	n	n	n	n	n	0	0	
Yellow	n	n	n	n	n	n	n	0	
White	n	n	n	n	n	n	n	n	
Note: n	= Displayable	e, o = Not disp	layed						

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DISPLAY ADAPTER SELECTION								
Onboard EGA	External Mono	External CGA	S10/1	S10/2	S10/3	S10/4		
Primary CGA 40x25	Secondary	-	On	Off	Off	On		
Primary CGA 80x25	Secondary	-	Off	Off	Off	On		
Primary EGA Emulation	Secondary	-	On	On	On	Off		
í Primary EGA high-res	Secondary	-	Off	On	On	Off		
Primary Monochrome	-	Secondary 40x25	On	Off	On	Off		
Primary Monochrome	-	Secondary 80x25	Off	Off	On	Off		
Secondary CGA 40x25	Primary	-	On	On	On	On		
Secondary 80x25	Primary	-	Off	On	On	On		
Secondary EGA Emul.	Primary	-	On	Off	On	On		
Secondary EGA Hi-Res	Primary	-	Off	Off	On	On		
Secondary Monochrome	-	Primary 40x25	On	On	Off	On		
Secondary Monochrome	-	Primary 80x25	Off	On	Off	On		

CGA HORIZONTAL POSITION CONFIGURATION (40x25 MODE)							
Offset	S19/1	S19/2	S19/3	S19/4			
2 pixels right	Off	Off	Off	Off			
1 pixels right	On	Off	Off	Off			
í center	Off	On	Off	Off			
1 pixel left	On	On	Off	Off			
2 pixels left	Off	Off	On	Off			
3 pixels left	On	Off	On	Off			
4 pixels left	Off	On	On	Off			
5 pixels left	On	On	On	Off			
6 pixels left	Off	Off	Off	On			
7 pixels left	On	Off	Off	On			
8 pixels left	Off	On	Off	On			
9 pixels left	On	On	Off	On			
10 pixels left	Off	Off	On	On			
11 pixels left	On	Off	On	On			
12 pixels left	Off	On	On	On			
13 pixels left	On	On	On	On			

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EGA HORIZONTAL POSITION CONFIGURATION (40x25 MODE)								
Offset	S19/5	S19/6	S19/7	S19/8				
8 pixels right	Off	Off	Off	Off				
7 pixels right	On	Off	Off	Off				
6 pixels right	Off	On	Off	Off				
5 pixels right	On	On	Off	Off				
4 pixels right	Off	Off	On	Off				
3 pixels right	On	Off	On	Off				
2 pixels right	Off	On	On	Off				
1 pixel right	On	On	On	Off				
í center	Off	Off	Off	On				
1 pixel left	On	Off	Off	On				
2 pixels left	Off	On	Off	On				
3 pixels left	On	On	Off	On				
4 pixels left	Off	Off	On	On				
5 pixels left	On	Off	On	On				
6 pixels left	Off	On	On	On				
7 pixels left	On	On	On	On				

CGA HORIZONTAL POSITION CONFIGURATION (80x25 MODE)					
Offset	S17/1	S17/2	S17/3	S17/4	
2 pixels right	Off	Off	Off	Off	
1 pixels right	On	Off	Off	Off	
í center	Off	On	Off	Off	
1 pixel left	On	On	Off	Off	
2 pixels left	Off	Off	On	Off	
3 pixels left	On	Off	On	Off	
4 pixels left	Off	On	On	Off	
5 pixels left	On	On	On	Off	
6 pixels left	Off	Off	Off	On	
7 pixels left	On	Off	Off	On	
8 pixels left	Off	On	Off	On	
9 pixels left	On	On	Off	On	
10 pixels left	Off	Off	On	On	
11 pixels left	On	Off	On	On	
12 pixels left	Off	On	On	On	
13 pixels left	On	On	On	On	

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EGA HORIZONTAL POSITION CONFIGURATION (80x25 MODE)					
Offset	S17/5	S17/6	S17/7	S17/8	
8 pixels right	Off	Off	Off	Off	
7 pixels right	On	Off	Off	Off	
6 pixels right	Off	On	Off	Off	
5 pixels right	On	On	Off	Off	
4 pixels right	Off	Off	On	Off	
3 pixels right	On	Off	On	Off	
2 pixels right	Off	On	On	Off	
1 pixel right	On	On	On	Off	
í center	Off	Off	Off	On	
1 pixel left	On	Off	Off	On	
2 pixels left	Off	On	Off	On	
3 pixels left	On	On	Off	On	
4 pixels left	Off	Off	On	On	
5 pixels left	On	Off	On	On	
6 pixels left	Off	On	On	On	
7 pixels left	On	On	On	On	

	CGA VERTICAL POSITION CONFIGURATION					
Offset	S16/1	S16/2	S16/3			
3 pixels up	Off	Off	Off			
2 pixels up	On	Off	Off			
1 pixel up	Off	On	Off			
í center	On	On	Off			
1 pixel down	Off	Off	On			
2 pixels down	On	Off	On			
3 pixels down	Off	On	On			
4 pixels down	On	On	On			

EGA VERTICAL POSITION CONFIGURATION					
Offset	S16/4	S16/5	S16/6		
3 pixels up	Off	Off	Off		
2 pixels up	On	Off	Off		
1 pixel up	Off	On	Off		
í center	On	On	Off		
1 pixel down	Off	Off	On		
2 pixels down	On	Off	On		
3 pixels down	Off	On	On		
4 pixels down	On	On	On		