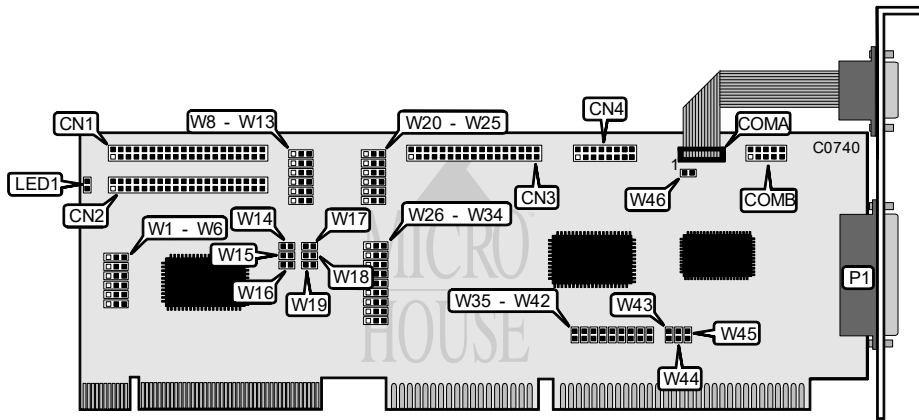# MICRO EQUIPMENT CORPORATION
UN-1083E

Q3/95

Data bus: 32-bit VL-Bus
Size: Three/quarter-length, full-height card
Hard drive supported: Four IDE (AT) interface drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives

CONNECTIONS	
Function	Location
40-pin Primary IDE (AT) interface connector	CN1
40-pin Secondary IDE (AT) interface connector	CN2
34-pin control cable connector - floppy drive	CN3
16-pin game port - internal	CN4
10-pin serial port - internal	COMA
10-pin serial port - internal	COMB
2-pin connector - drive active LED	LED1
25-pin parallel port - external	P1

Continued on next page. . .

MICRO EQUIPMENT CORPORATION
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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Factory configured - do not alter	W1	N/A
í Factory configured - do not alter	W2	N/A
í Factory configured - do not alter	W3	N/A
í Factory configured - do not alter	W4	N/A
í Factory configured - do not alter	W5	N/A
í IOCHRDY 759AF select	W6/pins 2 & 3	closed
IOCHRDY ISA select	W6/pins 1 & 2	closed
í Primary IDE (AT) interface enabled	W8/pins 2 & 3	closed
Primary IDE (AT) interface disabled	W8/pins 1 & 2	closed
í Secondary IDE (AT) interface enabled	W9/pins 2 & 3	closed
Secondary IDE (AT) interface disabled	W9/pins 1 & 2	closed
í Speed 50MHz select	W10/pins 2 & 3	closed
Speed 33MHz select	W10/pins 1 & 2	closed
í Factory configured - do not alter	W13	N/A
í Floppy drive order A:, B: normal	W26/pins 1 & 2	closed
Floppy drive order A:, B: exchange	W26/pins 2 & 3	closed
í Floppy drive address is 3F0h-3F7h	W27/pins 2 & 3	closed
Floppy drive address is 370h-377h	W27/pins 1 & 2	closed
í Floppy controller enabled	W28/pins 1 & 2	closed
Floppy controller disabled	W28/pins 2 & 3	closed
í Factory configued - do not alter	W32	N/A
í Factory configured - do not alter	W33	N/A
í Factory configured - do not alter	W34	N/A
í Game port enabled	W46	closed
Game port disabled	W46	open

IDE (AT) TIMMING & MODE CONFIGURATION			
Timing	Mode	W11	W12
240ns	3	pins 1 & 2 closed	pins 1 & 2 closed
400ns	2	pins 1 & 2 closed	pins 2 & 3 closed
500ns	1	pins 2 & 3 closed	pins 1 & 2 closed
600ns	0	pins 2 & 3 closed	pins 2 & 3 closed

MICRO EQUIPMENT CORPORATION
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HARD DRIVE DMA SELECTION						
Channel	W14	W15	W16	W17	W18	W19
5	open	open	closed	open	open	closed
6	open	closed	open	open	closed	open
7	closed	open	open	closed	open	open

SERIAL PORT 1 CONFIGURATION		
COM	W20	W21
í COM1 (3F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	pins 2 & 3 closed	pins 1 & 2 closed
Not available	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 2 CONFIGURATION		
COM	W22	W23
í COM2 (2F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM4 (2E8h)	pins 2 & 3 closed	pins 1 & 2 closed
Not available	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

PARALLEL PORT CONFIGURATION		
LPT	W24	W25
í LPT1 (378h)	pins 2 & 3 closed	pins 1 & 2 closed
LPT2 (278h)	pins 1 & 2 closed	pins 2 & 3 closed
LPT3 (3BCh)	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

PARALLEL PORT MODE SELECTION		
Mode	W29	W30
Printer	pins 1 & 2 closed	pins 1 & 2 closed
EPP/ECP	pins 1 & 2 closed	pins 2 & 3 closed
EPP/SPP	pins 2 & 3 closed	pins 1 & 2 closed
EXT2FDD	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	W35	W36	W37
í 4	closed	open	open
3	open	closed	open
5	open	open	closed

MICRO EQUIPMENT CORPORATION
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SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W38	W39	W40
í 3	closed	open	open
4	open	closed	open
5	open	open	closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	W41	W42
í 7	closed	open
5	open	closed

PRINTER OUTPUT CONFIGURATION	
Setting	W43
Output	closed
Bi-directional	open

DMA SELECTION			
Channel	W31	W44	W45
1	pins 1 & 2 closed	closed	open
3	pins 2 & 3 closed	open	closed