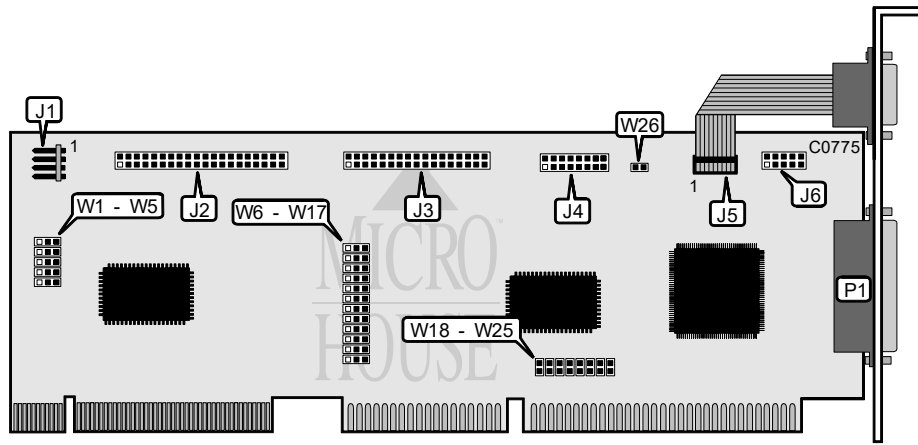


# MICRO EQUIPMENT CORPORATION UN-1081 VL

Q3/95

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



CONNECTIONS	
Function	Location
4-pin connector - drive active LED	J1
40-pin IDE (AT) interface connector	J2
34-pin control cable connector - floppy drive	J3
16-pin game port - internal	J4
10-pin serial port - external (via ribbon cable)	J5
10-pin serial port - internal	J6
25-pin parallel port - external	P1

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í HDD IRQ14 select	W6/pins 1 & 2	closed
HDD IRQ15 select	W6/pins 2 & 3	closed
í Floppy drive primary address is 3F0h - 3F7h	W7/pins 2 & 3	closed
Floppy drive secondary address is 370h - 377h	W7/pins 1 & 2	closed
í IDE (AT) primary address is 1F0h - 1F7h, & 3F6h - 3F7h	W8/pins 2 & 3	closed
IDE (AT) secondary address is 170h - 177h, & 376h - 377h	W8/pins 1 & 2	closed
í IDE (AT) interface enabled	W9/pins 1 & 2	closed
IDE (AT) interface disabled	W9/pins 2 & 3	closed
í Floppy controller enabled	W10/pins 1 & 2	closed
Floppy controller disabled	W10/pins 2 & 3	closed
í Printer port unidirectional select	W17/pins 1 & 2	closed
Printer port bidirectional select	W17/pins 2 & 3	open
í Game port enabled	W26	closed
Game port disabled	W26	open

IDE (AT) TRANSFER RATE CONFIGURATION						
Trans. Rate	VL Speed	W1	W2	W3	W4	W5
í 3.9MB/sec	≤33MHz	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
3.3MB/sec	≤33MHz	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
3.3MB/sec	<33MHz	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
3.5MB/sec	≤33MHz	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
3.6MB/sec	>33MHz	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
3.7MB/sec	≤33MHz	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
3.8MB/sec	>33MHz	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
4.2MB/sec	≤33MHz	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
4.2MB/sec	>33MHz	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
4.4MB/sec	≤33MHz	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
4.5MB/sec	>33MHz	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
4.8MB/sec	≤33MHz	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
5.0MB/sec	>33MHz	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
5.1MB/sec	≤33MHz	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
5.6MB/sec	≤33MHz	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
5.6MB/sec	>33MHz	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3

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# MICRO EQUIPMENT CORPORATION

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IDE (AT) TRANSFER RATE CONFIGURATION (CON'T)						
Trans. Rate	VL Speed	W1	W2	W3	W4	W5
6.1MB/sec	≤33MHz	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
6.3MB/sec	>33MHz	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
6.7MB/sec	≤33MHz	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
7.2MB/sec	>33MHz	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
7.4MB/sec	≤33MHz	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
8.3MB/sec	≤33MHz	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated are in the closed position.

SERIAL PORT 1 CONFIGURATION		
COM	W11	W12
í COM1 (3F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	pins 2 & 3 closed	pins 1 & 2 closed
COM4 (2E8h)	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 2 CONFIGURATION		
COM	W13	W14
í COM2 (2F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM4 (2E8h)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

PARALLEL PORT CONFIGURATION		
LPT	W15	W16
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

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	W18	W19	W20
í 4	closed	open	open
3	open	closed	open
5	open	open	closed

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SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W21	W22	W23
i 3	closed	open	open
4	open	closed	open
5	open	open	closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	W24	W25
i 7	closed	open
5	open	closed