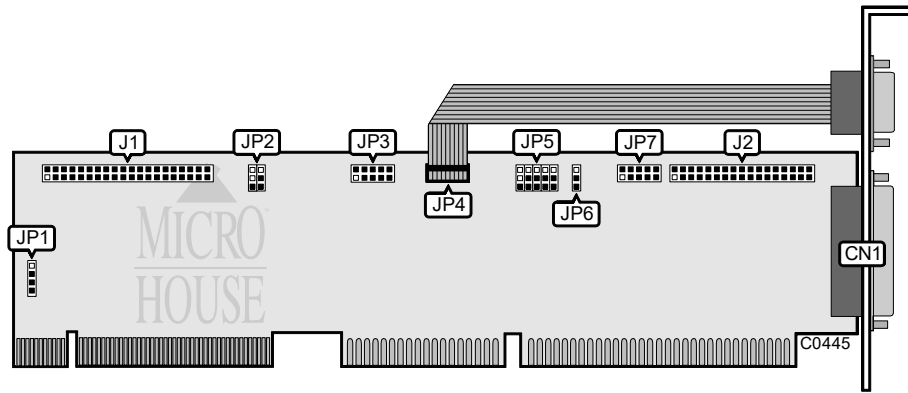# PROMISE TECHNOLOGY, INC.
DC4000

Q2/94

Data bus: 32-bit, VL-bus
Size: Three/quarter-length, half-height card
Hard drive supported: Two IDE (AT) Interface drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB, or 2.88MB drives

CONNECTIONS	
Function	Location
25-pin parallel port (LPT1/2) - external	CN1
40-pin IDE (AT) Interface connector	J1
34-pin control cable connector - floppy drive	J2
4-pin connector - drive active LED	JP1
10-pin serial port 2 (COM2/3/4) - internal	JP3
10-pin serial port 1 (COM1/2/3) - external	JP4

HARD DRIVE SPEED		
Speed	JP2/jumper 1	JP2/jumper 2
0	pins 1 & 2 closed	pins 1 & 2 closed
1	pins 2 & 3 closed	pins 1 & 2 closed
2	pins 2 & 3 closed	pins 2 & 3 closed

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Floppy	JP4	JP3	CN1	JP5/1	JP5/2	JP5/3	JP5/4	JP5/5
PARALLEL, SERIAL AND FLOPPY DRIVE ADDRESS CONFIGURATION								
Primary	COM1	COM2	LPT2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
Primary	COM1	COM2	LPT1	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
Primary	COM1	COM2	LPT1	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
Primary	COM3	COM4	LPT1	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
Primary	COM2	COM3	LPT2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
Primary	COM3	COM4	LPT2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Primary	COM1	Disabled	LPT2	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
Primary	COM1	Disabled	LPT1	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
Primary	COM1	Disabled	LPT1	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
Primary	COM3	Disabled	LPT1	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
Primary	COM3	Disabled	LPT2	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
Primary	COM3	Disabled	LPT2	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
Primary	COM1	COM2	LPT2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
Primary	COM1	COM2	LPT1	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
Primary	COM3	COM4	LPT1	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
Primary	COM2	COM3	LPT2	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
Primary	Disabled	Disabled	LPT2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
Primary	Disabled	Disabled	LPT1	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
Primary	Disabled	Disabled	LPT1	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
Primary	Disabled	Disabled	LPT2	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
Disabled	COM1	COM2	LPT2	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
Disabled	COM1	COM2	LPT1	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
Disabled	COM3	COM4	LPT1	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
Disabled	COM2	COM3	LPT2	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
Primary	COM1	COM2	LPT2	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
Primary	COM1	COM2	LPT1	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
Secondary	COM1	COM2	LPT1	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
Primary	COM3	COM4	LPT2	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
Primary	COM2	COM3	LPT2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
Secondary	COM3	COM4	LPT2	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
Primary	Disabled	Disabled	Disabled	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
Disabled	Disabled	Disabled	Disabled	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in a closed position
Floppy drive addresses: Primary - 3F2, 3F4, 3F5, &3F7h; Secondary - 372, 374, 375, & 377h
Secondary floppy address requires a device driver to function
Parallel port addresses and Interrupt Requests: LPT1 - 378h & IRQ7; LPT2 - 278h & IRQ7

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í I/O port address is 398, 399h	JP6	pins 1 & 2 closed
I/O port address is 26E, 26Fh	JP6	pins 2 & 3 closed

BIOS ADDRESS					
Address	JP7/1	JP7/2	JP7/3	JP7/4	JP7/5
DE000h	open	open	open	open	closed
DC000h	open	open	open	closed	closed
DA000h	open	open	closed	open	closed
í D8000h	open	open	closed	closed	closed
D6000h	open	closed	open	open	closed
D4000h	open	closed	open	closed	closed
D2000h	open	closed	closed	open	closed
D0000h	open	closed	closed	closed	closed
CE000h	closed	open	open	open	closed
CC000h	closed	open	open	closed	closed
CA000h	closed	open	closed	open	closed
C8000h	closed	open	closed	closed	closed
Disabled	n/a	n/a	n/a	n/a	open