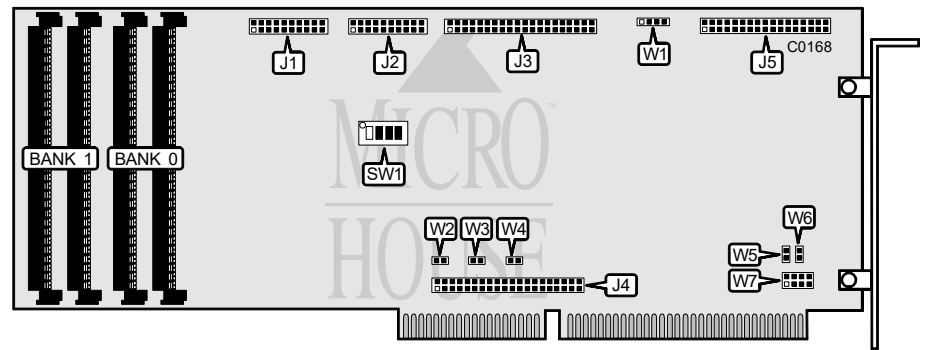# PROMISE TECHNOLOGY, INC.
DRIVECACHE DC2030

Q3/92

Data bus: 16-bit, ISA
Size: Full-length, full-height card
Hard drives supported: Two AT Interface (IDE) drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB
Maximum heads/cyl.:   16 heads and 2048 cylinders

CONNECTIONS	
Function	Location
Memory expansion card connector	J1 & J2
40-pin AT Interface (IDE) control cable connector-hard drive	J3
40-pin AT interface (IDE) control cable connector-from motherboard	J4
34-pin control cable connector-floppy drive	J5
4-pin connector-drive active LED	W1

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PROMISE TECHNOLOGY, INC.
DRIVECACHE DC2030

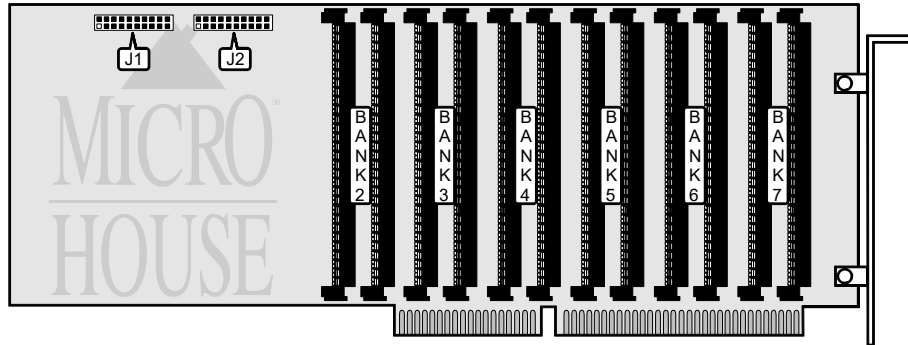| USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í AT bus interface enabled	W2	closed
AT bus interface disabled*	W2	open
í Factory configured - do not alter	W3	open
í Factory configured - do not alter	W4	open
í Factory configured - do not alter	W5	open
í Floppy drive enabled	W6	closed
Floppy drive disabled	W6	open
í Factory configured - do not alter	SW1/switch 4	off
Note: *This option allows for caching of the motherboard's imbedded HD controller via CN4.		

BIOS ADDRESS				
Address	W7/jumper 1	W7/jumper 2	W7/jumper 3	W7/jumper 4
C000h	closed	closed	closed	closed
C200h	closed	closed	closed	open
C400h	closed	closed	open	closed
C600h	closed	closed	open	open
C800h	closed	open	closed	closed
CA00h	closed	open	closed	open
CC00h	closed	open	open	closed
CE00h	closed	open	open	open
D000h	open	closed	closed	closed
D200h	open	closed	closed	open
D400h	open	closed	open	closed
D600h	open	closed	open	open
í D800h	open	open	closed	closed
DA00h	open	open	closed	open
DC00h	open	open	open	closed
DE00h	open	open	open	open

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DRIVECACHE DC2030

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ON-BOARD CACHE CONFIGURATION				
Size	Bank 0	Bank 1	SW1/switch 2	SW1/switch 3
512KB	(2) 256K x 9	NONE	on	on
1MB	(2) 256K x 9	(2) 256K x 9	on	on
2MB	(2) 1M x 9	NONE	on	off
2.5MB	(2) 1M x 9	(2) 256K x 9	on	off
2.5MB	(2) 256K x 9	(2) 1M x 9	off	off
4MB	(2) 1M x 9	(2) 1M x 9	off	on

MEMORY BOARD CACHE CONFIGURATION - SW1							
Size	Bank 2	Bank 3	Bank 4	Bank 5	Bank 6	Bank 7	SW1/1
512KB	(2) 256K	NONE	NONE	NONE	NONE	NONE	on
1MB	(2) 256K	(2) 256K	NONE	NONE	NONE	NONE	on
1.5MB	(2) 256K	(2) 256K	(2) 256K	NONE	NONE	NONE	on
2MB	(2) 256K	(2) 256K	(2) 256K	(2) 256K	NONE	NONE	on
2MB	(2) 1M	NONE	NONE	NONE	NONE	NONE	off
2.5MB	(2) 256K	(2) 256K	(2) 256K	(2) 256K	(2) 256K	NONE	on
3MB	(2) 256K	(2) 256K	(2) 256K	(2) 256K	(2) 256K	(2) 256K	on
4MB	(2) 1M	(2) 1M	NONE	NONE	NONE	NONE	off
6MB	(2) 1M	(2) 1M	(2) 1M	NONE	NONE	NONE	off
8MB	(2) 1M	(2) 1M	(2) 1M	(2) 1M x9	NONE	NONE	off
10MB	(2) 1M	(2) 1M	(2) 1M	(2) 1M	(2) 1M	NONE	off
12MB	(2) 1M	(2) 1M	(2) 1M	(2) 1M	(2) 1M	(2) 1M	off