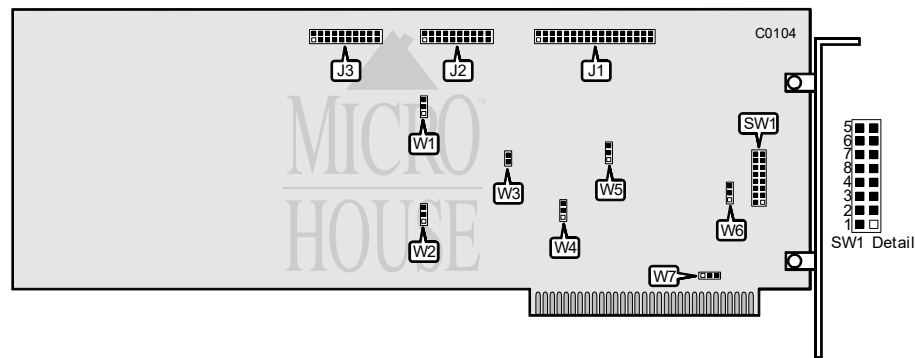


EVEREX SYSTEMS, INC.  
EV-391

Q3/92

Data bus: 8-bit, ISA  
Size: Full-length, full-height card  
Hard drives supported: Two MFM ST506/412 drives  
Floppy drives supported: None



CONNECTIONS	
Function	Location
34-pin control cable connector-hard drive	J1
20-pin data cable connector-drive 0	J2
20-pin data cable connector-drive 1	J3

Continued on next page . . .

# EVEREX SYSTEMS, INC.

## EV-391

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Normal operation	W1	pins 1 & 2 closed
Factory test	W1	pins 2 & 3 closed
í Normal operation	W2	pins 1 & 2 closed
Factory test	W2	pins 2 & 3 closed
í BIOS enabled	W3	closed
BIOS disabled	W3	open
í I/O port address 320h	W4	pins 2 & 3 closed
I/O port address 324h	W4	pins 1 & 2 closed
í BIOS size 32K or 64K	W5	pins 1 & 2 closed
BIOS size 16K	W5	pins 2 & 3 closed
í 8 Head hard drive with RWC (Head Select 3 invalid)	W6	pins 2 & 3 closed
16 head hard drive supported (Head Select 3 valid)	W6	pins 1 & 2 closed
í Hard drive interrupt is IRQ5	W7	pins 1 & 2 closed
Hard drive interrupt is IRQ2	W7	pins 2 & 3 closed
Note: SW1/switches 5, 6, 7, and 8 are reserved for BIOS functions and should not be altered.		

BIOS DRIVE TYPE TABLE - SW1 (For EPROM Rev. 3.92A)							
#	Jumper 1 Drv. 1	Jumper 2 Drv. 1	Jumper 3 Drv. 0	Jumper 4 Drv. 0	Cap.	Hds.	Cyls.
0	closed	closed	closed	closed	42MB	5	977
1	open	closed	open	closed	21MB	4	615
2	closed	open	closed	open	10MB	2	615
3	open	open	open	open	10MB	4	306

MISCELLANEOUS TECHNICAL NOTES	
This controller has a built-in low-level format program. To enter the program run the DEBUG utility supplied with DOS and at the prompt enter: G=C800:5.	