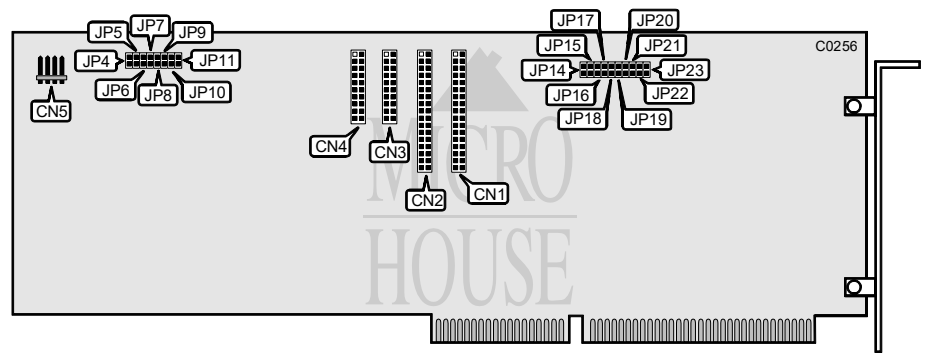


CORE INTERNATIONAL, INC.
CNT-HCR CONTROLLER

Q1/93

Data bus: 16-bit, ISA
Size: Full-length, full-height card
Hard drives supported: Two MFM ST506/ST412 drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB drives
Sector interleave: 1:1
Maximum heads/cyl.: 16 heads and 2048 cylinders



CONNECTIONS	
Function	Location
34-pin control cable connector-hard drive	CN2
20-pin data cable connector-drive 0	CN3
20-pin data cable connector-drive 1	CN4
4-pin connector-drive active LED	CN5

CONTROLLER POSITIONING			
Select		JP18	JP19
f	First	open	open
	Second*	open	closed
	Third*	closed	open
	Fourth*	closed	closed
Note:	Up to four HCR controllers may be installed in a system		
	*The BIOS must be disabled on all but the first HCR controller		

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CORE INTERNATIONAL, INC. CNT-HCR CONTROLLER

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Sector size is 512 Bytes (Other sizes not supported)	JP10 and JP11	open
í Floppy drive enabled	JP14	open
Floppy drive disabled	JP14	closed
í BIOS address is C8000h (Controller initializes after POST)	JP15	open
BIOS address is CA000h (Controller initializes during POST)	JP15	closed
í BIOS enabled	JP16	open
BIOS disabled	JP16	closed
í I/O Port address is 320h	JP17	open
I/O Port address is 1A0h	JP17	closed

DRIVE CONFIGURATION JUMPERS						
	Drv. 0			Drv. 1		
	JP7	JP8	JP9	JP4	JP5	JP6
HC Series	open	closed	open	open	closed	open
AT Plus	open	open	open	open	open	open
OPTIMA	open	open	open	open	open	open

DRIVE CONFIGURATION						
Model	Hds	Cyls	JP20	JP21	JP22	JP23
HC Series	ESDI		closed	closed	closed	closed
ATplus 40MB	5	924	open	closed	open	open
ATplus 43MB	5	988	closed	open	open	closed
ATplus 44MB	7	733	open	closed	closed	open
ATplus 72MB	9	924	open	closed	open	closed
ATplus 80MB	9	1072	closed	open	open	open
OPTIMA 40MB	5	963	closed	open	closed	closed
OPTIMA 44MB	7	733	open	closed	closed	open
OPTIMA 70MB	9	918	closed	open	closed	open
OPTIMA 80MB	9	1072	closed	open	open	open
Note: If an HC Series drive is being used with an ATplus or OPTIMA drive, the jumpers must be set for the latter and modifications to the data cable are required. If two ATplus or OPTIMA drives are used, they must be the same type.)						