NCL AMERICA
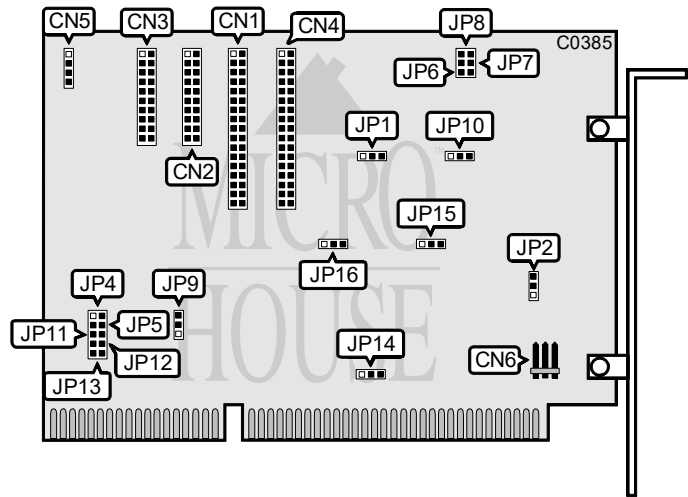# NCL 5455, NCL 5456

`Q1/94`

Data bus: 16-bit, ISA
Size: Half-length, full-height card
Hard drives supported: Two ST506/412 MFM drives
Floppy drives supported: NCL 5455: Two 360 KB, 720 KB, 1.2 MB or 1.44 MB drives
                                   NCL 5456: None

CONNECTIONS	
34-pin control cable connector-hard drive	CN1
20-pin data cable connector-drive 0	CN2
20-pin data cable connector-drive 1	CN3
34-pin data cable connector-floppy drive (NCL 5455 only)	CN4
4-pin connector-drive active LED	CN5
5-pin DC power connector	CN6

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Hard drive address is 1F0-1F7h	JP1	pins 1 & 2 closed
Hard drive address is 170-177h	JP1	pins 2 & 3 closed
í 32Kb ROM enabled	JP2	pins 1 & 2 closed
16Kb ROM enabled	JP2	pins 2 & 3 closed

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive port address is 3F2-3F7h	JP7	closed
Floppy drive port address is 372-377h	JP7	open
í Cache enabled	JP11	open
Cache disabled	JP11	closed
4Kb buffer enabled	JP12	open
16Kb buffer enabled	JP12	closed
4Kb buffer size selected	JP14, JP15, JP16	pins 1 & 2 closed
16Kb buffer size selected	JP14, JP15, JP15	pins 2 & 3 closed

MISCELLANEOUS TECHNICAL NOTES
All other jumpers are for factory tests and configured as follows: JP4, JP5 - closed; JP6, JP8, JP13 - open; JP9, JP10 - pins 2 & 3 closed - do not alter.