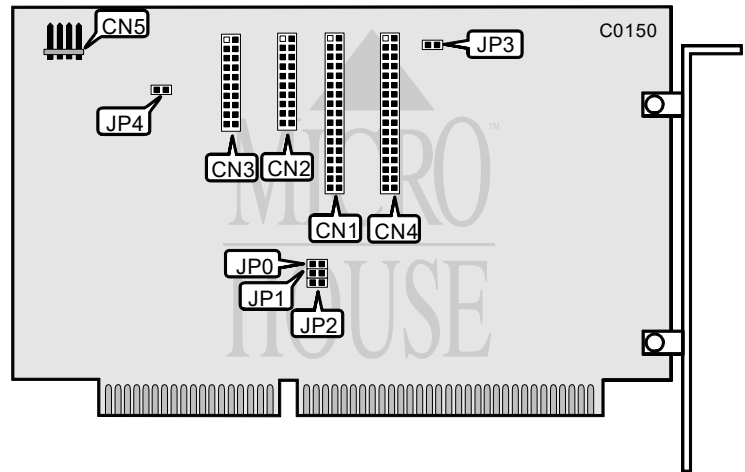


NCL AMERICA  
NCL 5425

Data bus:	16-bit, ISA
Size:	Half-length, full-height card
Hard drives supported:	Two ST506/412MFM drives
Floppy drives supported:	NCL 5425: Two 360 KB, 720 KB, 1.2 MB or 1.44 MB drives
Maximum heads/cyl.:	16 heads and 2048 cylinders



CONNECTIONS	
Purpose	Location
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	CN4
4-pin connector-drive active LED	CN5

# NCL AMERICA

## NCL 5425

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Hard drive address is 1F0-1F7h	JP0	open
Hard drive address is 170-177h	JP0	closed
í Floppy drive port address is 3F2-3F7h	JP1	open
Floppy drive port address is 372-377h	JP1	closed
í LED always "on"	JP2	open
LED "on" only when drive is select	JP2	closed
í Factory configured - do not alter	JP3	N/A
í Factory configured - do not alter	JP4	open

Drive Types Supported by the NCL542x Firmware				
TYPE	HEADS	CYLS.	W.P.C.	L.Z.
1	4	306	128	305
2	4	615	300	615
3	6	615	300	615
4	8	940	512	940
5	6	940	512	940
6	4	615	N/A	615
7	8	462	256	511
8	5	733	N/A	733
9	15	900	N/A	901
10	3	820	N/A	820
11	5	855	N/A	855
12	7	855	N/A	855
13	8	306	128	319
14	7	733	N/A	733
15	Reserved	-	-	-