

NCL AMERICA

NDC 5027

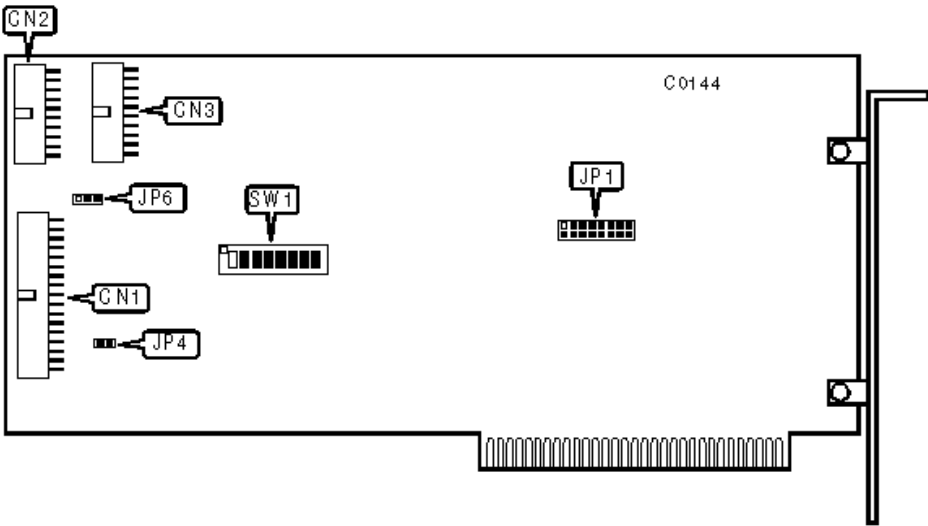


Data bus: 8-bit, ISA

Size: Half-length, full-height card

Hard drives supported: Two MFM ST506/412

Floppy drives supported: None



CONNECTIONS	
Functions	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

USER CONFIGURABLE SETTINGS			
Function		Location	Setting
»	Factory configured - do not alter	JP1/all	N/A
»	Recalibration speed is fast or normal	JP4	open
	Recalibration speed is slow	JP4	closed
»	Supports up to 8 heads	JP6	pins 1 & 2 closed
	Supports up to 16 heads	JP6	pins 2 & 3 closed

BIOS DRIVE TYPE TABLE FOR THE NCL5027 - SW1

Hd/Cyl	#	1	2	3	4	5	6	7	8
7/699	1	on	on	on	off	N/A	N/A	N/A	on
6/612	1	on	on	off	off	N/A	N/A	N/A	off
	2	N/A	N/A	N/A	off	on	on	off	off
4/640	1	on	off	on	off	N/A	N/A	N/A	off
	2	N/A	N/A	N/A	off	on	off	on	off
4/612	1	on	off	OFF	off	N/A	N/A	N/A	off
	2	N/A	N/A	N/A	off	on	off	OFF	off
2/612	1	off	on	on	off	N/A	N/A	N/A	off
	2	N/A	N/A	N/A	off	off	on	on	off
2/306	1	off	on	off	off	N/A	N/A	N/A	off
	2	N/A	N/A	N/A	off	off	on	off	off
4/320	1	off	off	on	off	N/A	N/A	N/A	off
	2	N/A	N/A	N/A	off	off	off	on	off
4/306	1	off	off	off	off	N/A	N/A	N/A	off
	2	N/A	N/A	N/A	off	off	off	off	off
6/640	1	on	on	on	on	N/A	N/A	N/A	off
	2	N/A	N/A	N/A	on	on	on	on	off
5/733	1	on	on	off	on	N/A	N/A	N/A	off
	2	N/A	N/A	N/A	on	on	on	off	off
7/733	1	on	off	on	on	N/A	N/A	N/A	on
5/830	1	on	off	off	on	N/A	N/A	N/A	on
7/830	1	off	on	on	on	N/A	N/A	N/A	on
10/830	1	off	on	off	on	N/A	N/A	N/A	on
15/918	1	off	off	on	on	N/A	N/A	N/A	on
5/977	1	off	off	off	on	N/A	N/A	N/A	on

Note: 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

SW1/switch 8 must be "on" before power-up to enable the drive splitting feature.