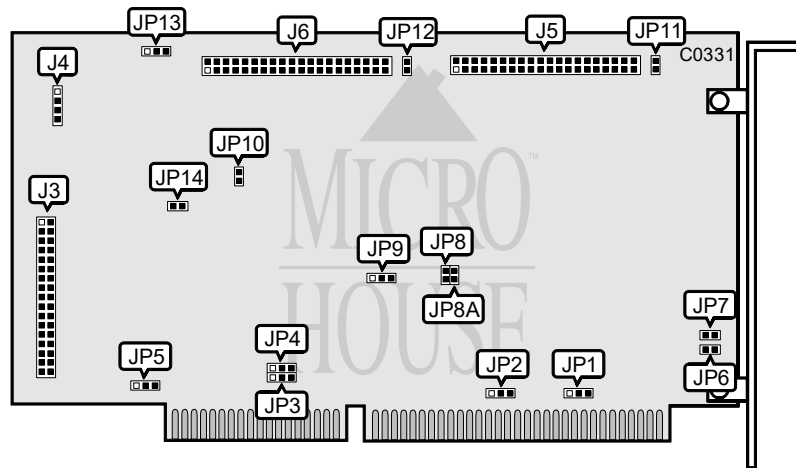# NCL AMERICA
NCL 525

Q4/93

Data bus: 16-bit, ISA
Size: Three/quarter-length, full-height card
Hard drive supported: Four IDE(AT) Interface drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives

CONNECTIONS	
Function	Location
40-pin IDE(AT) Interface connector - IDE-0	J5
40-pin IDE(AT) Interface connector - IDE-1	J6
34-pin control cable connector - floppy drive	J3
4-pin connector - Drive active LED	J4

BIOS ADDRESS		
Address	Jumper JP8	Jumper JP8A
í C800h	open	open
CC00h	closed	open
D800h	open	closed
DC00h	closed	closed

Continued on next page . . .

NCL AMERICA
NCL 525

	Function	Location	Setting
	USER CONFIGURABLE SETTINGS		
	Function	Location	Setting
í	DMA Request channel is DRQ2	JP1	Pins 1 & 2 closed
	DMA Request channel is DRQ3	JP1	Pins 2 & 3 closed
í	DMA Acknowledge channel is DACK2	JP2	Pins 1 & 2 closed
	DMA Acknowledge channel is DACK3	JP2	Pins 2 & 3 closed
í	IDE-0 Hard Drive interrupt is IRQ14	JP3	Pins 1 & 2 closed
	IDE-0 Hard Drive interrupt is IRQ11	JP3	Pins 2 & 3 closed
í	IDE-1 Hard Drive interrupt is IRQ15	JP4	Pins 1 & 2 closed
	IDE-1 Hard Drive interrupt is IRQ12	JP4	Pins 2 & 3 closed
í	IDE-0 IRQ Buffer mode disabled	JP5	Pins 1 & 2 closed
	IDE-0 IRQ Buffer mode enabled	JP5	Pins 2 & 3 closed
í	IDE-0 I/O Channel Ready disabled	JP6	open
	IDE-0 I/O Channel Ready enabled	JP6	closed
í	IDE-1 I/O Channel Ready disabled	JP7	open
	IDE-1 I/O Channel Ready enabled	JP7	closed
í	Floppy drive interrupt is IRQ6	JP9	Pins 1 & 2 closed
	Floppy drive interrupt is IRQ10	JP9	Pins 2 & 3 closed
í	Floppy drive port address is 3F2-3F7h	JP10	closed
	Floppy drive port address is 372-377h	JP10	open
í	IDE-0 normal operation mode enabled	JP11	open
	IDE-0 diagnostic mode enabled	JP11	closed
í	IDE-1 normal operation mode enabled	JP12	open
	IDE-1 diagnostic mode enabled	JP12	closed
í	IDE-1 IRQ Buffer mode disabled	JP13	Pins 1 & 2 closed
	IDE-1 IRQ Buffer mode enabled	JP13	Pins 2 & 3 closed
í	Floppy drive enabled	JP14	open
	Floppy drive disabled	JP14	closed