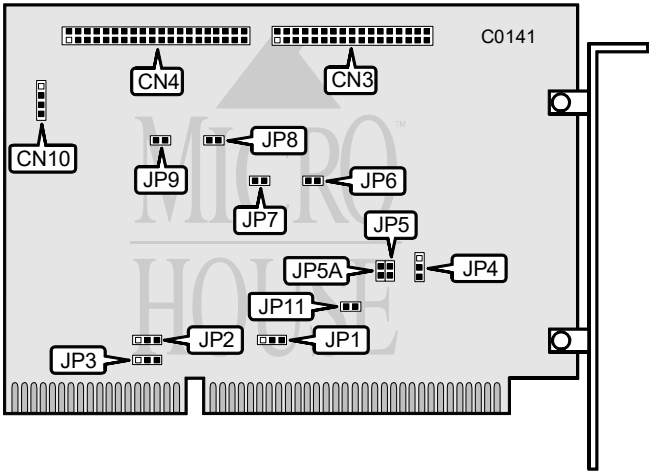


NCL AMERICA  
NCL 538B

Q4/92

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



CONNECTIONS	
Function	Location
34-pin control cable connector-floppy drive	CN3
40-pin AT Interface (IDE) connector	CN4
4-pin connector-drive active LED	CN10

Continued on next page . . .

# NCL AMERICA

## NCL 538B

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í DACK2 (Floppy drive DMA Acknowledge) (hard-wired)	JP1	pins 1 & 2 closed
DACK3 (Floppy drive DMA Acknowledge)	JP1	pins 2 & 3 closed
í IRQ6 (Floppy drive Interrupt Request) (hard-wired)	JP2	pins 1 & 2 closed
IRQ10 (Floppy drive Interrupt Request)	JP2	pins 2 & 3 closed
í IRQ14 (Hard drive Interrupt Request)	JP3	pins 1 & 2 closed
IRQ15 (Hard drive Interrupt Request)	JP3	pins 2 & 3 closed
í DRQ2 (Floppy drive DMA Request) (hard-wired)	JP4	pins 1 & 2 closed
DRQ3 (Floppy drive DMA Request)	JP4	pins 2 & 3 closed
í Hard drive port address is 1F0-1F7h	JP6	open
Hard drive port address is 170-177h	JP6	closed
í Floppy drive port address is 3F2-3F7h	JP7	open
Floppy drive port address is 372-377h	JP7	closed
í Normal operation	JP8	open
Diagnostic mode	JP8	closed
í Zero wait state disabled	JP9	open
Zero wait state enabled	JP9	closed
í BIOS enabled	JP11	closed
BIOS disabled	JP11	open

BIOS ADDRESS		
Address	Jumper JP5	Jumper JP5A
í C800h	open	open
CC00h	closed	open
D800h	open	closed
DC00h	closed	closed

MISCELLANEOUS TECHNICAL NOTES	
Debug: G=C800:5 sets up custom parameters for IDE drives	