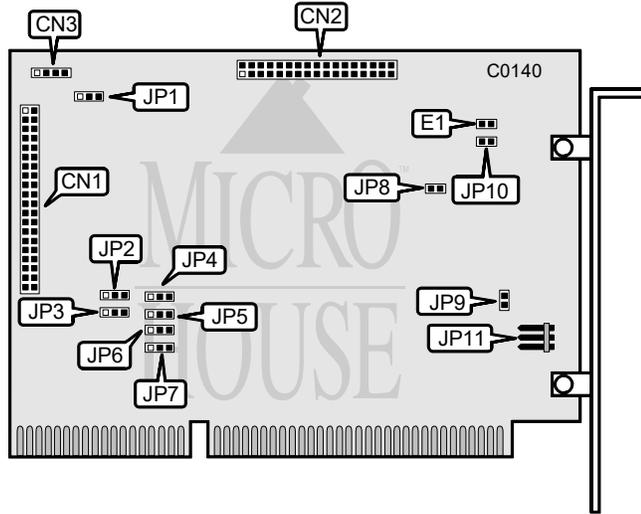


NCL AMERICA
NCL 538, NCL 539

Q3/92

Data bus: 16-bit, ISA
 Size: Half-length, full-height card
 Hard drives supported: Two AT Interface (IDE) drives
 Floppy drives supported: NCL 538: Two 360KB, 720KB, 1.2MB, or 1.44MB
 NCL 539: None
 Maximum heads/cyl.: 16 heads and 2048 cylinders



CONNECTIONS	
Function	Location
34-pin control cable connector-floppy drive (NCL 538 only)	CN1
40-pin AT Interface (IDE) control cable connector-internal	CN2
4-pin connector-drive active LED	CN3
5-pin connector-DC power	JP11

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NCL AMERICA
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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive port address is 3F2-3F7h (538 only)	JP1	pins 1 & 2 closed
Floppy drive port address is 372-377h (538 only)	JP1	pins 2 & 3 closed
í BIOS address is C800h	JP2	pins 1 & 2 closed
BIOS address is CC00h	JP2	pins 2 & 3 closed
í Floppy Drive Interrupt is IRQ6 (538 only)	JP3	pins 1 & 2 closed
Floppy Drive Interrupt is IRQ10 (538 only)	JP3	pins 2 & 3 closed
í Floppy Drive DMA Acknowledge is DACK2 (538 only)	JP4	pins 1 & 2 closed
Floppy Drive DMA Acknowledge is DACK3 (538 only)	JP4	pins 2 & 3 closed
í IRQ Non-buffered	JP5	pins 1 & 2 closed
IRQ buffered	JP5	pins 2 & 3 closed
í Floppy Drive DMA Request is DRQ2 (538 only)	JP6	pins 1 & 2 closed
Floppy Drive DMA Request is DRQ3 (538 only)	JP6	pins 2 & 3 closed
í Hard Drive Interrupt is IRQ14	JP7	pins 1 & 2 closed
Hard Drive Interrupt is IRQ15	JP7	pins 2 & 3 closed
í Zero wait state enabled	JP8	open
Zero wait state disabled	JP8	closed
í BIOS enabled	JP9	closed
BIOS disabled	JP9	open
í Hard drive port address is 1F0-1F7h	JP10	open
Hard drive port address is 170-177h	JP10	closed
í Normal operation	JP11	open
Self-diagnostic mode	JP11	closed