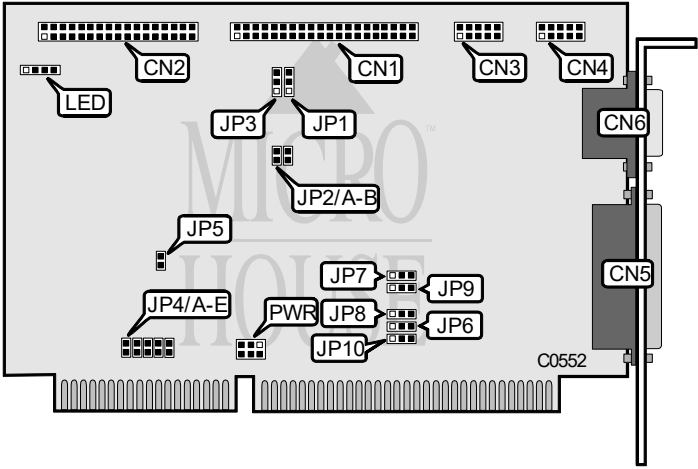


NCL AMERICA
NCL 565

Q3/94

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



CONNECTIONS	
Function	Location
40-pin connector - IDE(AT) interface	CN1
34-pin data cable connector - floppy drive	CN2
9-pin serial port 1 - internal	CN3
9-pin serial port 2 - internal	CN4
25-pin parallel port - external	CN5
15-pin connector - external game port	CN6
4-pin connector - drive active LED	LED
External hard drive power connector	PWR

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
IOCHRDY connected to IDE interface pin 27	JP1	pins 1 & 2 closed
IOCHRDY connected to IDE interface pin 21	JP1	pins 2 & 3 closed
IOCHRDY not connected to IDE interface	JP1	open

Continued on next page. . .

NCL AMERICA
NCL 565

...continued from previous page

USER CONFIGURABLE SETTINGS(CONTINUED)		
Function	Location	Setting
í IRQ14 connected directly to bus	JP3	pins 2 & 3 closed
IRQ14 enabled by IDE interface(CN1) pin 39	JP3	pins 1 & 2 closed
IRQ14 is not connected to bus	JP3	open
í Game port enabled	JP5	closed
Game port disabled	JP5	open
í Serial port 1 interrupt IRQ4 select	JP6	pins 2 & 3 closed
Serial port 1 interrupt IRQ3 select	JP6	pins 1 & 2 closed
Serial port 1 interrupt IRQ5 select	JP7	pins 1 & 2 closed
Serial port 1 interrupt IRQ9 select	JP7	pins 2 & 3 closed
Serial port 1 interrupt disabled	JP6 & JP7	open
í Serial port 2 interrupt IRQ3 select	JP8	pins 1 & 2 closed
Serial port 2 interrupt IRQ4 select	JP8	pins 2 & 3 closed
Serial port 2 interrupt IRQ5 select	JP9	pins 1 & 2 closed
Serial port 2 interrupt IRQ9 select	JP9	pins 2 & 3 closed
Serial port 2 interrupt disabled	JP8 & JP9	open
í Parallel port interrupt IRQ7 select	JP10	pins 2 & 3 closed
Parallel port interrupt IRQ5 select	JP10	pins 1 & 2 closed
Parallel port interrupt disabled	JP10	open

IDE/FLOPPY DRIVE ADDRESS SELECT			
IDE interface(CN1)	Floppy Drive(CN2)	JP2/A	JP2/B
í 1FXh	3FXh	open	open
17Xh	37Xh	open	closed
Disabled	3FXh	closed	open
1FXh	Disabled	closed	closed

SERIAL PORT ADDRESS SELECT				
Port 1 (CN3)	Port 2 (CN4)	JP4/A	JP4/B	JP4/C
í COM1	COM2	open	open	open
COM1	COM3	open	open	closed
COM1	COM4	open	closed	open
COM2	COM3	open	closed	closed
COM2	COM4	closed	open	open
COM3	COM4	closed	open	closed
COM1	Disabled	closed	closed	open
Disabled	Disabled	closed	closed	closed

Continued on next page. . .

NCL AMERICA
NCL 565

...continued from previous page

PARALLEL PORT ADDRESS SELECT		
LPT	JP4/D	JP4/E
1	open	open
2	open	closed
Disabled	closed	open
Disabled	closed	closed