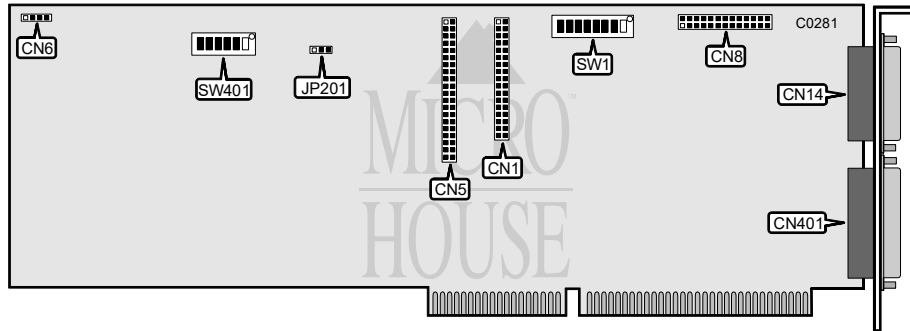


# NCR CORPORATION

## 16-08-01

Q1/93

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



CONNECTIONS	
Function	Location
34-pin control cable connector-floppy drive	CN1
40-pin IDE (AT) Interface connector-internal	CN5
4-pin connector-drive active LED	CN6
26-pin dual serial port connector-internal	CN8
25-pin parallel port (LPT1/2)-external	CN14
15-pin VGA connector-external	CN401

DUAL SERIAL PORT CONNECTOR (CN8) PIN ASSIGNMENT		
Serial Port 1	Serial Port 2	Signal
15	23	Carrier Detect (CD)
5	6	Receive Data (RxD)
3	2	Transmit Data (TxD)
14	10	Data Terminal Ready (DTR)
13	21	Signal Ground
11	4	Data Set Ready (DSR)
7	12	Request To Send (RTS)
9	25	Clear To Send (CTS)
18	8	Ring Indicator (RI)
22	22	Keyed

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# NCR CORPORATION

## 16-08-01

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í IRQ14 cleared after read block (SW1/switch 8 must be on)	JP201	1 & 2 closed
IRQ14 does not clear after read block	JP201	2 & 3 closed
í Floppy drive controller enabled	SW1/switch 1	on
Floppy drive controller disabled	SW1/switch 1	off
í Hard drive port address is 1F0-1F7h	SW1/switch 2	off
Hard drive port address is 170-177h	SW1/switch 2	on
í Parallel Port enabled	SW1/switch 3	off
Parallel Port disabled	SW1/switch 3	on
í Parallel Port (CN14) is LPT1 (378h)	SW1/switch 4	off
Parallel Port (CN14) is LPT1 (278h)	SW1/switch 4	on
í Serial Port 1 set to COM1 (3F8h)	SW1/switch 5	off
Serial Port disabled	SW1/switch 5	on
í Serial Port 2 set to COM2 (2F8h)	SW1/switch 6	off
Serial Port disabled	SW1/switch 6	on
í Interface Pin 34 Not used	SW1/switch 7	off
Ground (GND) enabled on Interface pin 34	SW1/switch 7	on
í Hard drive controller enabled	SW1/switch 8	off
Hard drive controller disabled	SW1/switch 8	on
í Factory configured - do not alter	SW401/switch 1	on
í Factory configured - do not alter	SW401/switch 2	on
í AT BIOS compatible	SW401/switch 3	on
PS/2 BIOS compatible	SW401/switch 3	off
í Standard VGA mode	SW401/switch 4	on
Multisync VGA mode	SW401/switch 4	off
í VGA controller enabled	SW401/switch 5	on
VGA controller disabled	SW401/switch 5	off
í Standard Interrupt Handling	SW401/switch 6	off
Special Application Interrupt	SW401/switch 6	on