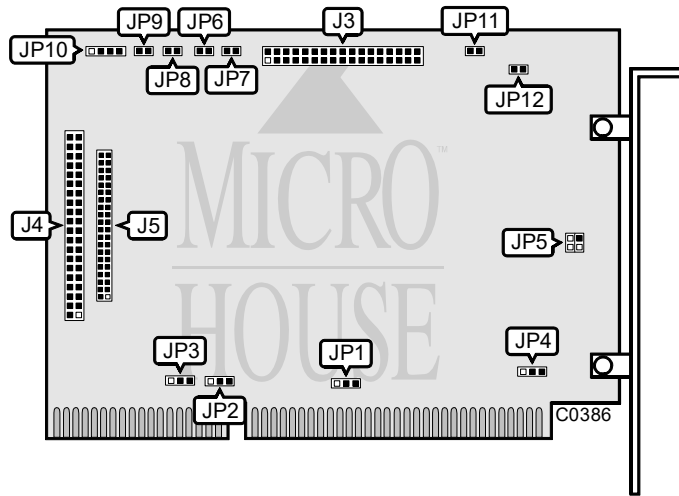# NATIONAL COMPUTERS, LTD. (NCL AMERICA)
NCL DB825

Q1/94

Data bus: 16-bit, ISA
Size: Half-length, full-height card
Hard drive 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	J3
40-pin 3 1/2" IDE(AT) Interface connector	J4
44-pin 2 1/2" IDE(AT) Interface connector	J5
4-pin connector - Drive active LED	JP10

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive DMA Acknowledge is DACK2	JP1	pins 1 & 2 closed
Floppy drive DMA Acknowledge is DACK3	JP1	pins 2 & 3 closed
í Interrupt Request is IRQ6	JP2	pins 1 & 2 closed
Interrupt Request is IRQ10	JP2	pins 2 & 3 closed
í Hard drive Interrupt Request is IRQ14	JP3	pins 1 & 2 closed
Hard drive Interrupt Request is IRQ15	JP3	pins 2 & 3 closed

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive DMA Request is DREQ2	JP4	pins 1 & 2 closed
Floppy drive DMA Request is DREQ3	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 enabled	JP8	open
Diagnostic mode enabled	JP8	closed
í I/O Channel Ready signal disabled	JP9	open
I/O Channel Ready signal enabled	JP9	closed
í BIOS enabled	JP11	closed
BIOS disabled	JP11	open
í Primary BIOS mode enabled	JP12	closed
Co-existing BIOS mode enabled	JP12	open

BIOS ADDRESS		
Address	JP5/jumper 1	JP5/jumper 2
í C800h	open	open
CC00h	closed	open
D800h	open	closed
DC00h	closed	closed

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