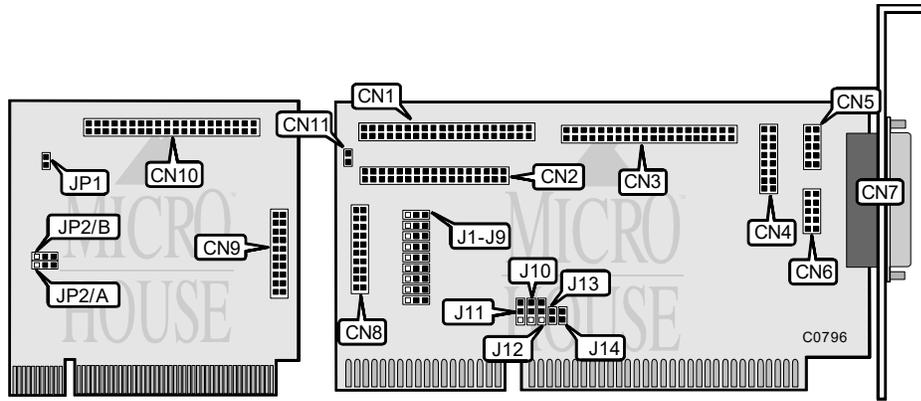# UNIDENTIFIED
KING PUZZLE SUPER I/O CARD

Q2/96

Data bus: 16-bit, ISA/32-Bit VL-Bus
Size: Half-length, half-height card (3/4 with daughter board)
Hard drive supported: Two IDE(AT) interface drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives

CONNECTIONS	
Function	Location
40-pin ISA IDE(AT) connector	CN1
34-pin floppy drive connector	CN2
40-pin security/anti-virus connector	CN3
16-pin game port	CN4
10-pin serial port 1 - internal	CN5
10-pin serial port 2 - internal	CN6
25-pin parallel port - external	CN7
20-pin VL-ISA connector	CN8 & CN9
40-pin VL IDE(AT) connector	CN10
2-pin connector - ISA-IDE drive active LED	CN11
2-pin connector - VL-IDE drive active LED	JP1

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í IDE interface enabled	J1/pins 2 & 3	closed
IDE interface disabled	J1/pins 1 & 2	closed
í Floppy drive enabled	J2/pins 2 & 3	closed
Floppy drive disabled	J2/pins 1 & 2	closed
í Floppy drives order is A:, B:	J3/pins 2 & 3	closed
Floppy drives order is B:, A:	J3/pins 1 & 2	closed
í Serial port 1 IRQ4 select	J10/pins 2 & 3	closed
Serial port 1 IRQ3 select	J10/pins 1 & 2	closed
í Serial port 2 IRQ3 select	J11/pins 2 & 3	closed
Serial port 2 IRQ4 select	J11/pins 1 & 2	closed
í Parallel port IRQ7 select	J12/pins 1 & 2	closed
Parallel port IRQ5 select	J12/pins 2 & 3	select
í Game port enabled	J13	closed
Game port disabled	J13	open
í Parallel port is uni-directional	J14	closed
Parallel port is bi-directional	J14	open

SERIAL PORT 1 CONFIGURATION		
Address	J4	J5
í 3F8h (COM1)	pins 2 & 3 closed	pins 1 & 2 closed
3E8h (COM3)	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 2 CONFIGURATION		
Address	J6	J7
í 2F8h (COM2)	pins 2 & 3 closed	pins 1 & 2 closed
2E8h (COM4)	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

PARALLEL PORT CONFIGURATION		
Address	J8	J9
í 378h (LPT2)	pins 1 & 2 closed	pins 2 & 3 closed
278h (LPT3)	pins 2 & 3 closed	pins 1 & 2 closed
3BCh (LPT1)	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

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VL-IDE DRIVE SPEED CONFIGURATION		
Speed	JP2/A	JP2/B
Speed 0	pins 1 & 2 closed	pins 1 & 2 closed
Speed 1	pins 2 & 3 closed	pins 1 & 2 closed
Speed 2	pins 1 & 2 closed	pins 2 & 3 closed
Speed 3	pins 2 & 3 closed	pins 2 & 3 closed

MISCELLANEOUS NOTES
Jumper settings do not affect the VL-IDE controller.
When using the ISA-IDE controller the VL-IDE daughter board must be disconnect. When using the VL-IDE connector it is not necessary to disable the ISA-IDE