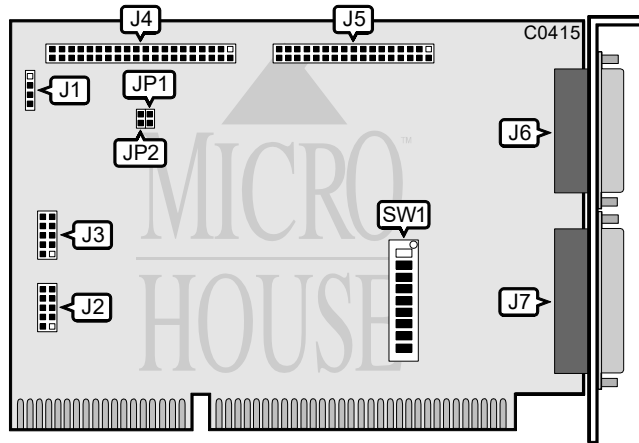


PEAKTRON COMPUTER, INC. SUPREME I/O

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
4-pin connector - drive active LED	J1
10-pin serial port (COM1/2/3) - internal	J2
10-pin serial port (COM2/3/4) - internal	J3
40-pin IDE (AT) Interface connector	J4
34-pin control cable connector - floppy drive	J5
15-pin game port - external	J6
25-pin parallel port (LPT1/2/3) - external	J7

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
i I/O Channel Ready (IOCHRDY) signal enabled*	JP1	closed
I/O Channel Ready (IOCHRDY) signal disabled*	JP1	open
i Address latch (ALE) enabled*	JP2	closed
Address latch (ALE) disabled*	JP2	open
i Floppy drive enabled	SW1/switch 6	off
Floppy drive disabled	SW1/switch 6	on
i Hard drive enabled	SW1/switch 7	off
Hard drive disabled	SW1/switch 7	on

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SUPREME I/O

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Hard drive port address is 1F0-1F7h Floppy drive port address is 3F0-3F7h	SW1/switch 8	off
Hard drive port address is 170-177h Floppy drive port address is 370-377h	SW1/switch 8	on
í Game Port (J6) enabled	SW1/switch 9	off
Game Port (J6) disabled	SW1/switch 9	on
*See recommended settings table for JP1 & JP2 at the end of this document.		

SERIAL PORT CONFIGURATION				
COM1 (J2)	COM2 (J3)	SW1/switch 1	SW1/switch 2	SW1/switch 3
í COM1 (3F8h)	Disabled	on	on	off
COM2 (2F8h)	Disabled	on	off	on
COM1 (3F8h)	COM2 (2F8h)	n/a	off	off
2B0h	2B8h	off	on	on
2E0h	COM4 (2E8h)	off	on	off
3E0h	COM3 (3E8h)	off	off	on
Disabled	Disabled	on	on	on

PARALLEL PORT (J7) CONFIGURATION		
LPT	SW1/switch 4	SW1/switch 5
í LPT1 (378h)	off	off
LPT2 (278h)	off	on
LPT3 (3BCh)	on	off
Disabled	on	on

RECOMMENDED IOCHRDY AND ALE SETTINGS		
Manufacturer	Jumper JP1	Jumper JP2
Western Digital	open	open
í Miniscribe	closed	closed
Conners	open	closed
Fujitsu	open	closed
Seagate	open	open

MISCELLANEOUS TECHNICAL NOTES
Second serial port (J3) is an add-on option and requires installation of an upgrade to function.