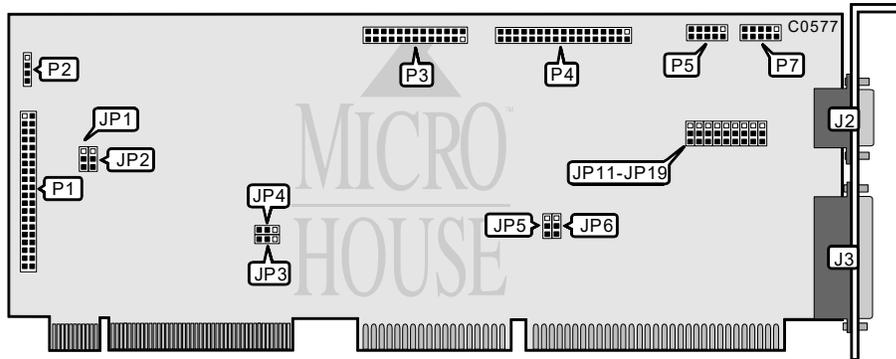


OCEAN INFORMATION SYSTEMS, INC. VL-COMBO SUPER REV.1.2

Q4/94

Data bus: 32-bit, VL-bus
 Size: Three/quarter-length, full-height card
 Hard drive supported: Two IDE (AT) interface drives
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB, or 2.88MB drives



CONNECTIONS	
Function	Location
40-pin IDE (AT) Interface connector	P1
4-pin connector - drive active LED	P2
VGA feature connector	P3
34-pin control cable connector - floppy drive	P4
10-pin serial port 2	P5
10-pin serial port 1	P7
15-pin analog video connector	J2
25-pin parallel port	J3

IDE DRIVE SELECT		
Function	JP1	JP2
IDE drive enabled	pins 1 & 2 closed	pins 1 & 2 closed
IDE drive disabled	pins 2 & 3 closed	pins 2 & 3 closed

IDE DRIVE SPEED SELECT		
Function	JP3	JP4
IDE speed = normal	pins 1 & 2 closed	pins 1 & 2 closed
IDE speed = medium	pins 2 & 3 closed	pins 1 & 2 closed
IDE speed = high	pins 2 & 3 closed	pins 2 & 3 closed
Factory configuration - do not use	pins 1 & 2 closed	pins 2 & 3 closed

Note: Do not use the last setting, could cause damage.

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VIDEO PORT		
Function	JP5	JP6
í VGA port enabled	pins 1 & 2 closed	pins 1 & 2 closed
VGA port disabled	pins 2 & 3 closed	pins 2 & 3 closed

VIDEO PORT		
Function	JP22	JP23
í Parallel port uses DMA channel 1	pins 1 & 2 closed	pins 1 & 2 closed
Parallel port uses DMA channel 3	pins 2 & 3 closed	pins 2 & 3 closed

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Factory configured - do not alter	JP12	pins 2 & 3 closed
í Floppy drive enabled	JP19	pins 1 & 2 closed
Floppy drive disabled	JP19	pins 2 & 3 closed
í ECP/EPP printer modes enabled	JP24	pins 1 & 2 closed
ECP/EPP printer modes disabled	JP24	pins 2 & 3 closed

PARALLEL PORT INTERRUPT SELECT	
IRQ	JP11
í IRQ7	pins 2 & 3 closed
IRQ5	pins 1 & 2 closed
Disabled	all pins open

PARALLEL PORT CONFIGURATION		
LPT/Address	JP13	JP14
í LPT1/378h	pins 2 & 3 closed	pins 1 & 2 closed
LPT2/278h	pins 1 & 2 closed	pins 1 & 2 closed
LPT3/3BCh	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 CONFIGURATION		
COM/Address	JP15	JP16
í COM1/3F8h	pins 1 & 2 closed	pins 1 & 2 closed
COM2/2F8h	pins 2 & 3 closed	pins 1 & 2 closed
COM3/338h	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

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SERIAL PORT 2 CONFIGURATION		
COM/Address	JP17	JP18
i COM2/2F8h	pins 1 & 2 closed	pins 1 & 2 closed
COM1/3F8h	pins 2 & 3 closed	pins 1 & 2 closed
COM4/238h	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed