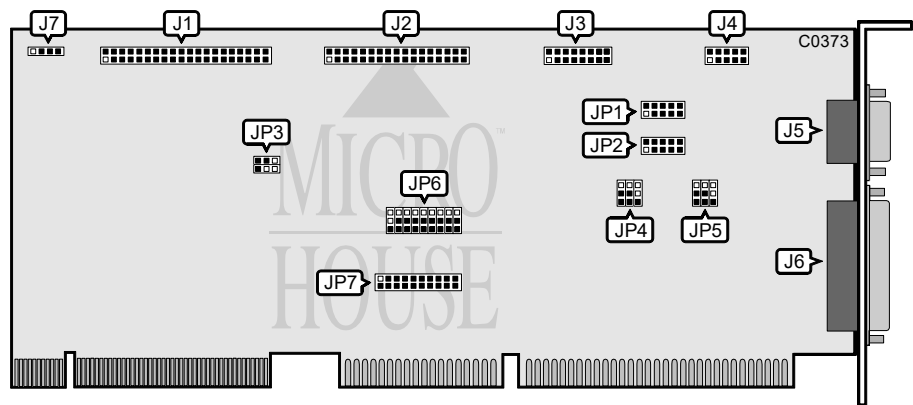


DIAMOND FLOWER INC.
MIO-600VL

Q1/94

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, or 1.44MB drives



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

SERIAL PORT CONFIGURATION JUMPERS	
JP1 - Serial Port 1 (J5) : JP2 - Serial Port 2 (J4)	
<div><div></div><div><div>2</div><div>4</div><div>6</div><div>8</div><div>10</div><div>1</div><div>3</div><div>5</div><div>7</div><div>9</div></div></div>	
Port is DTE (Data Terminal Equipment)	pins 1 & 2, 3 & 4, 5 & 6, 7 & 8, 9 & 10 closed
Port is DCE (Data Comm. Equipment)	pins 1 & 3, 2 & 4, 5 & 7, 6 & 8, 9 & 10 closed

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HARD DRIVE SPEED		
Function	JP3/jumper 1	JP3/jumper 2
í Slow (600ns)	pins 1 & 2 closed	pins 1 & 2 closed
Medium (383ns)	pins 2 & 3 closed	pins 1 & 2 closed
Fast (240ns)	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT SIGNAL STATUS		
JP4 - Serial Port 2 (J4) : JP5 - Serial Port 1 (J5)		
Function	Location	Setting
í DCD (Data Carrier Detect) - NORMAL	Jumper 1	pins 1 & 2 closed
DCD (Data Carrier Detect) - FORCED TRUE	Jumper 1	pins 2 & 3 closed
í DSR (Data Set Ready) - NORMAL	Jumper 2	pins 1 & 2 closed
DSR (Data Set Ready) - FORCED TRUE	Jumper 2	pins 2 & 3 closed
í CTS (Clear To Send) - NORMAL	Jumper 3	pins 1 & 2 closed
CTS (Clear To Send) - FORCED TRUE	Jumper 3	pins 2 & 3 closed

SERIAL PORTS 1 (J5) CONFIGURATION		
Function	JP6/jumper 1	JP6/jumper 2
í COM1	pins 1 & 2 closed	pins 1 & 2 closed
COM2	pins 2 & 3 closed	pins 1 & 2 closed
COM3	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORTS 2 (J4) CONFIGURATION		
Function	JP6/jumper 3	JP6/jumper 4
í COM2	pins 1 & 2 closed	pins 1 & 2 closed
COM1	pins 2 & 3 closed	pins 1 & 2 closed
COM4	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

PARALLEL PORT (J6) CONFIGURATION		
LPT	JP6/jumper 5	JP5/jumper 6
LPT1 (3BC-3BEh)	pins 1 & 2 closed	pins 2 & 3 closed
í LPT2 (378-37Ah)	pins 2 & 3 closed	pins 1 & 2 closed
LPT3 (278-27Ah)	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive enabled	JP6/jumper 7	pins 1 & 2 closed
Floppy drive disabled	JP6/jumper 7	pins 2 & 3 closed
í Game Port (J3) enabled	JP6/jumper 9	pins 1 & 2 closed
Game Port (J3) disabled	JP6/jumper 9	pins 2 & 3 closed

SERIAL PORT 1 (J5) INTERRUPT REQUEST				
IRQ	JP7/jumper 1	JP7/jumper 2	JP7/jumper 3	JP7/jumper 4
2	closed	open	open	open
3	open	open	open	closed
í 4	open	open	closed	open
5	open	closed	open	open

SERIAL PORT 2 (J4) INTERRUPT REQUEST				
IRQ	JP7/jumper 5	JP7/jumper 6	JP7/jumper 7	JP7/jumper 8
2	closed	open	open	open
í 3	open	open	open	closed
4	open	open	closed	open
5	open	closed	open	open

PARALLEL PORT (J6) INTERRUPT REQUEST		
IRQ	JP7/jumper 9	JP7/jumper 10
5	open	closed
í 7	closed	open