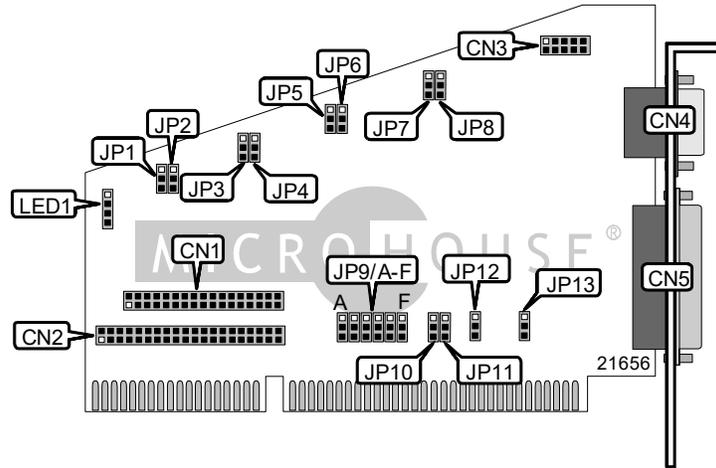


LAVA COMPUTER MANUFACTURING, INC.

LAVA COMPLETE-550 V.4

Card Type	Multi-I/O card
Hard Drives supported	Two IDE (AT) drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
Data Bus	16-bit ISA
Card Size	Half-length, full-height card



CONNECTIONS			
Function	Location	Function	Location
34-pin cable connector - floppy drive	CN1	9-pin serial port 1 - external	CN4
40-pin primary IDE(AT) connector	CN2	25-pin parallel port - external	CN5
10-pin serial port 2 - internal	CN3	4-pin connector - drive active LED	LED1

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
Floppy drive interface enabled	JP1	Pins 1 & 2 closed	
Floppy drive interface disabled	JP1	Pins 2 & 3 closed	
Floppy drive primary	JP2	Pins 2 & 3 closed	
Floppy drive secondary	JP2	Pins 1 & 2 closed	
IDE(AT) interface enabled	JP3	Pins 1 & 2 closed	
IDE(AT) interface disabled	JP3	Pins 2 & 3 closed	
IDE primary	JP4	Pins 2 & 3 closed	
IDE secondary	JP4	Pins 1 & 2 closed	
Parallel port is uni-directional	JP13	Pins 1 & 2 closed	
Parallel port is bi-directional	JP13	Pins 2 & 3 closed	

PARALLEL PORT ADDRESS SELECTION			
Setting	JP7		JP8
LPT1 (378h)	Pins 1 & 2 closed		Pins 1 & 2 closed
LPT2 (278h)	Pins 1 & 2 closed		Pins 2 & 3 closed
LPT3 (3BCh)	Pins 2 & 3 closed		Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed		Pins 2 & 3 closed

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LAVA COMPLETE-550 V.4

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SERIAL PORT 1 ADDRESS SELECTION	
Setting	JP5
COM1 (3F8h)	Pins 2 & 3 closed
COM3 (3E8h)	Pins 1 & 2 closed
Disabled	Open

SERIAL PORT 2 ADDRESS SELECTION	
Setting	JP6
COM2 (2F8h)	Pins 2 & 3 closed
COM4 (2E8h)	Pins 1 & 2 closed
Disabled	Open

SERIAL PORT 1 INTERRUPT SELECTION								
IRQ	JP9/A	JP9/B	JP9/C	JP9/D	JP9/E	JP9/F	JP10	JP11
Open	2 & 3	Open						
IRQ3	Open	2 & 3						
IRQ4	Open	Open	Open	Open	Open	Open	2 & 3	Open
IRQ5	Open	2 & 3	Open	Open	Open	Open	Open	Open
IRQ10	Open	Open	2 & 3	Open	Open	Open	Open	Open
IRQ11	Open	Open	Open	2 & 3	Open	Open	Open	Open
IRQ12	Open	Open	Open	Open	2 & 3	Open	Open	Open
IRQ13	Open	Open	Open	Open	Open	2 & 3	Open	Open

Note: Pins designated are in the closed position.

SERIAL PORT 2 INTERRUPT SELECTION								
IRQ	JP9/A	JP9/B	JP9/C	JP9/D	JP9/E	JP9/F	JP10	JP11
IRQ2	1 & 2	Open						
IRQ3	Open	1 & 2						
IRQ4	Open	Open	Open	Open	Open	Open	1 & 2	Open
IRQ5	Open	1 & 2	Open	Open	Open	Open	Open	Open
IRQ10	Open	Open	1 & 2	Open	Open	Open	Open	Open
Open	Open	Open	Open	1 & 2	Open	Open	Open	Open
IRQ12	Open	Open	Open	Open	1 & 2	Open	Open	Open
IRQ13	Open	Open	Open	Open	Open	1 & 2	Open	Open

Note: Pins designated are in the closed position.

PARALLEL PORT INTERRUPT SELECTION	
IRQ	JP12
IRQ5	Pins 1 & 2 closed
IRQ7	Pins 2 & 3 closed