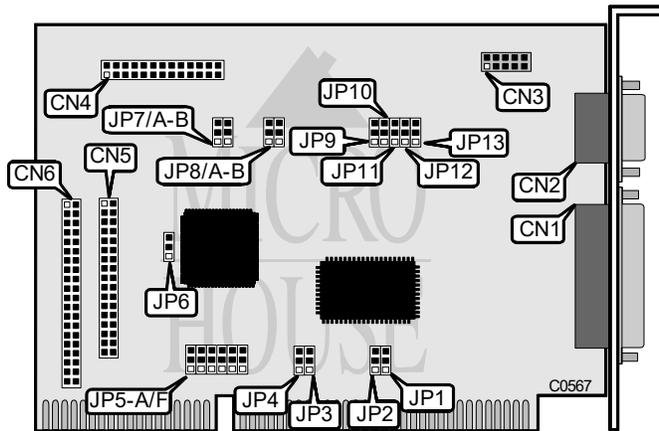


# LAVA COMPUTER MFG, INC. COMPLETE-550

**Data Bus:** 16-bit ISA  
**Size:** Half-length, Full-height card  
**Hard drives supported:** Two IDE (AT) Interface drives  
**Floppy drives supported:** Two 360KB, 720KB, 1.2MB, or 1.44MB drives



CONNECTIONS	
Function	Location
DB-25 female connector-parallel port 1	CN1
DB-9 male connector-serial port 1	CN2
10-pin connector-serial port 2 internal	CN3
26-pin connector-parallel port 2 internal	CN4
34-pin data cable connector-floppy drive internal	CN5
40-pin connector IDE (AT) Interface internal	CN6

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
Parallel port 1 enabled.	JP11	Pins 2 & 3 closed
Parallel port 1 disabled.	JP11	Pins 1 & 2 closed
Floppy drive enabled.	JP12	Pins 2 & 3 closed
Floppy drive disabled.	JP12	Pins 1 & 2 closed
Hard drive enabled.	JP13	Pins 2 & 3 closed
Hard drive disabled.	JP13	Pins 1 & 2 closed

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PRIMARY PARALLEL PORT ADDRESS SELECT	
Function	JP10
LPT1	Pins 2 & 3 closed
LPT2	Pins 1 & 2 closed

ALTERNATE PARALLEL PORT ADDRESS SELECT	
Function	JP9
LPT1	Pins 2 & 3 closed
LPT2	Pins 1 & 2 closed

SERIAL PORT 2 CONFIGURATION		
COM	JP8/A	JP8/B
COM1	Pins 1 & 2 closed	All open
COM2	Pins 2 & 3 closed	All open
COM3	All open	Pins 1 & 2 closed
COM4	All open	Pins 2 & 3 closed

SERIAL PORT 1 CONFIGURATION		
COM	JP7/A	JP7/B
COM2	Pins 2 & 3 closed	All open
COM1	Pins 1 & 2 closed	All open
COM3	All open	Pins 1 & 2 closed
COM4	All open	Pins 2 & 3 closed

PRIMARY SERIAL PORT INTERRUPT SELECT								
IRQ	JP5/A	JP5/B	JP5/C	JP5/D	JP5/E	JP5/F	JP4	JP3
IRQ2	All open	2 & 3	All open	All open				
IRQ3	All open	2 & 3						
IRQ4	All open	2 & 3	All open					
IRQ5	All open	All open	All open	All open	2 & 3	All open	All open	All open
IRQ10	All open	All open	All open	2 & 3	All open	All open	All open	All open
IRQ11	All open	All open	2 & 3	All open				
IRQ12	All open	2 & 3	All open					
IRQ13	2 & 3	All open						

Note: Pins designated are in the closed position.

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ALTERNATE SERIAL PORT INTERRUPT SELECT								
IRQ	JP5/A	JP5/B	JP5/C	JP5/D	JP5/E	JP5/F	JP4	JP3
IRQ2	All open	1 & 2	All open	All open				
IRQ3	All open	1 & 2						
IRQ4	All open	1 & 2	All open					
IRQ5	All open	All open	All open	All open	1 & 2	All open	All open	All open
IRQ10	All open	All open	All open	1 & 2	All open	All open	All open	All open
IRQ11	All open	All open	1 & 2	All open				
IRQ12	All open	1 & 2	All open					
IRQ13	1 & 2	All open						

Note: Pins designated are in the closed position.

PRIMARY PARALLEL PORT IRQ SELECT	
IRQ	JP1
IRQ7	Pins 2 & 3 closed
IRQ5	Pins 1 & 2 closed

ALTERNATE PARALLEL PORT IRQ SELECT	
IRQ	JP2
IRQ7	Pins 2 & 3 closed
IRQ5	Pins 1 & 2 closed

ALTERNATE PARALLEL PORT DIRECTION SETTING	
Function	JP6
Unidirectional	Pins 2 & 3 closed
Bi-directional	Pins 1 & 2 closed

Note: The primary parallel port is always Uni-directional.