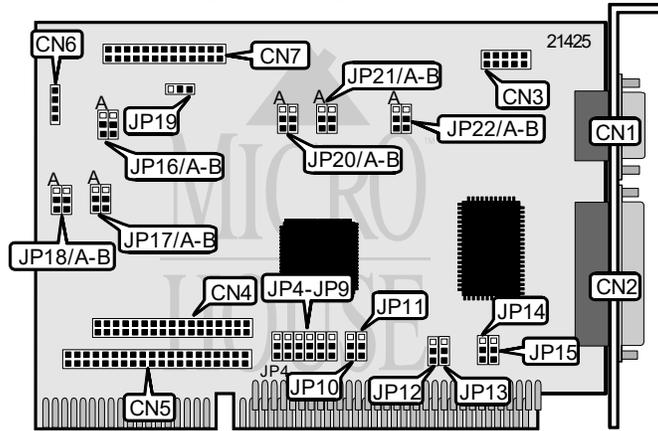


LAVA COMPUTER MANUFACTURING, INC.

LAVA COMPLETE-550P

Card Type
 Hard Drives supported
 Floppy drives supported
 Data Bus
 Card Size

Hard drive controller
 Two IDE (AT) drives
 Two 360KB, 720KB, 1.2MB, or 1.44MB drives
 16-bit ISA
 Half-length, full-height



CONNECTIONS			
Function	Label	Function	Label
9-pin serial port 1 - external	CN1	40-pin primary IDE(AT) connector	CN5
25-pin parallel port - external	CN2	4-pin connector - drive active LED	CN6
10-pin serial port 2 - internal	CN3	26-pin parallel port - internal	CN7
34-pin cable connector - floppy drive	CN4		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Parallel port 2 IRQ 5 enabled	JP12	Pins 1 & 2 closed
Parallel port 2 IRQ 7 enabled	JP12	Pins 2 & 3 closed
Parallel port 1 IRQ 5 enabled	JP13	Pins 1 & 2 closed
Parallel port 1 IRQ 7 enabled	JP13	Pins 2 & 3 closed
IDE(AT) interface enabled	JP17A	Pins 1 & 2 closed
IDE(AT) interface disabled	JP17A	Pins 2 & 3 closed
IDE(AT) is secondary in system	JP17B	Pins 1 & 2 closed
IDE(AT) is primary in system	JP17B	Pins 2 & 3 closed
Floppy drive interface enabled	JP18A	Pins 1 & 2 closed
Floppy drive interface disabled	JP18A	Pins 2 & 3 closed
Floppy drive is secondary in system	JP18B	Pins 1 & 2 closed
Floppy drive is primary in system	JP18B	Pins 2 & 3 closed
Parallel port 2 is bi-directional	JP19	Pins 1 & 2 closed
Parallel port 2 is uni-directional	JP19	Pins 2 & 3 closed

PARALLEL 1 (ECP MODE) DMA CHANNEL SELECTION		
Channel	JP14	JP15
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed

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PARALLEL PORT 2 ADDRESS SELECTION		
Setting	JP16/A	JP16/B
LPT1 (378h)	Pins 1 & 2 closed	Pins 1 & 2 closed
LPT2 (278h)	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	Open

PARALLEL PORT 1 ADDRESS SELECTION		
Setting	JP21/A	JP21/B
LPT0 (3BCh)	Pins 1 & 2 closed	Pins 1 & 2 closed
LPT1 (378h)	Pins 1 & 2 closed	Pins 2 & 3 closed
LPT2 (278h)	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed

PARALLEL PORT 1 MODE SELECTION		
Setting	JP20/A	JP20/B
Printer	Pins 1 & 2 closed	Pins 1 & 2 closed
EPP	Pins 1 & 2 closed	Pins 2 & 3 closed
EPP/ECP	Pins 2 & 3 closed	Pins 1 & 2 closed
External floppy disk	Pins 2 & 3 closed	Pins 2 & 3 closed

SERIAL PORT 1 CONFIGURATION	
Setting	JP22/A
COM1	Pins 2 & 3 closed
COM3	Pins 1 & 2 closed
Disabled	Open

SERIAL PORT 2 CONFIGURATION	
Setting	JP22/B
COM2	Pins 2 & 3 closed
COM4	Pins 1 & 2 closed
Disabled	Open

SERIAL PORT 1 INTERRUPT SELECTION								
Setting	JP4/ pins 2 & 3	JP5/ pins 2 & 3	JP6/ pins 2 & 3	JP7/ pins 2 & 3	JP8/ pins 2 & 3	JP9/ pins 2 & 3	JP10/ pins 2 & 3	JP11/ pins 2 & 3
IRQ2	Open	Open	Open	Open	Open	Closed	Open	Open
IRQ3	Open	Closed						
IRQ4	Open	Open	Open	Open	Open	Open	Closed	Open
IRQ5	Open	Open	Open	Open	Closed	Open	Open	Open
IRQ10	Open	Open	Open	Closed	Open	Open	Open	Open
IRQ11	Open	Open	Closed	Open	Open	Open	Open	Open
IRQ12	Open	Closed	Open	Open	Open	Open	Open	Open
IRQ15	Closed	Open	Open	Open	Open	Open	Open	Open

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