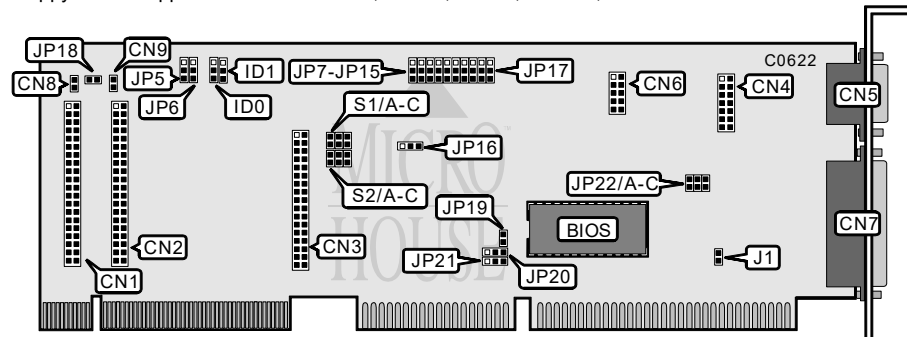


PINE TECHNOLOGY

PT-627

Q4/94

Data bus: 32-bit, VL-bus
 Size: Three/quarter-length, half-height card
 Hard drive supported: Four 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 - port 1	CN1
40-pin IDE (AT) interface connector - port 2	CN2
34-pin control cable connector - floppy drive	CN3
Game port	CN4
Serial port 1 - external	CN5
Serial port 2 - internal	CN6
Parallel port	CN7
2-pin connector - primary drive port active LED	CN8
2-pin connector - secondary drive port active LED	CN9

USER CONFIGURABLE SETTINGS			
Function	Location	Setting	
IOCHRDY enabled	J1	Closed	
IOCHRDY disabled	J1	Open	
i Primary IDE port enabled	JP5	Pins 1 & 2 closed	
Primary IDE port disabled	JP5	Pins 2 & 3 closed	
i Secondary IDE port disabled	JP6	Pins 2 & 3 closed	
Secondary IDE port enabled	JP6	Pins 1 & 2 closed	
i Floppy drive enabled	JP7	Pins 1 & 2 closed	
Floppy drive disabled	JP7	Pins 2 & 3 closed	
i Game port enabled	JP8	Pins 1 & 2 closed	
Game port disabled	JP8	Pins 2 & 3 closed	
ECP enabled	JP16	Pins 1 & 2 closed	
ECP disabled	JP16	Pins 2 & 3 closed	

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
CN8 and CN9 enabled for both primary and secondary IDE ports	JP18	Closed
CN8 used for primary IDE port/CN9 used for secondary IDE port	JP18	Open

PARALLEL PORT CONFIGURATION		
LPT	JP9	JP11
í LPT2	Pins 1 & 2 closed	Pins 1 & 2 closed
LPT3	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	N/A	Pins 2 & 3 closed

ENHANCED PARALLEL PORT CONFIGURATION		
Setting	JP10	JP11
í Standard parallel port enabled	Pins 1 & 2 closed	Pins 2 & 3 closed
EPP enabled	Pins 2 & 3 closed	Pins 1 & 2 closed
ECP enabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 CONFIGURATION		
COM/Address	JP12	JP13
í COM1/3F8h	Pins 1 & 2 closed	Pins 1 & 2 closed
COM3/3E8h	Pins 1 & 2 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	N/A

SERIAL PORT 2 CONFIGURATION		
COM	JP14	JP15
í COM2/2F8h	Pins 1 & 2 closed	Pins 1 & 2 closed
COM4/2E8h	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	N/A	Pins 2 & 3 closed

SERIAL PORTS 1 & 2 INTERRUPT SELECT		
IRQ	JP20	JP21
IRQ3	Pins 2 & 3 closed	N/A
IRQ4	N/A	Pins 2 & 3 closed
IRQ5	Pins 1 & 2 closed	N/A
IRQ9	N/A	Pins 1 & 2 closed

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HARD DRIVE SPEED		
Setting	ID0	ID1
Speed 0 (HDD < 40MB)	Pins 2 & 3 closed	Pins 2 & 3 closed
Speed 1 (40/50Mhz CPU)	Pins 1 & 2 closed	Pins 1 & 2 closed
Speed 2 (25/33Mhz CPU)	Pins 1 & 2 closed	Pins 2 & 3 closed
Speed 3 (<20Mhz CPU)	Pins 2 & 3 closed	Pins 1 & 2 closed

DRQ SELECT - S1			
DRQ	Jumper A	Jumper B	Jumper C
DRQ1	Closed	Open	Open
DRQ3	Open	Closed	Open
Disabled	Open	Open	Closed

DACK SELECT - S2			
DACK	Jumper A	Jumper B	Jumper C
DACK1	Closed	Open	Open
DACK3	Open	Closed	Open
Disabled	Open	Open	Closed