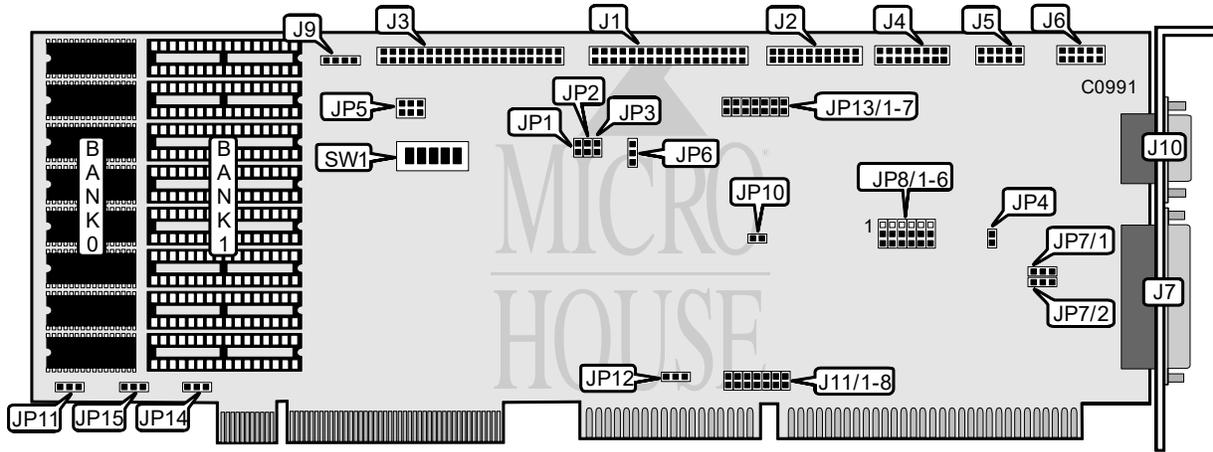


# SEANIX TECHNOLOGY, INC. ASI ROCKET-VL

Data Bus  
Card Size  
Hard Drives supported  
Floppy drives supported

32-bit VESA Local Bus  
Full length, Full-height card  
Two IDE (AT) drives  
Two 360KB, 720KB, 1.2MB, or 1.44MB drives



CONNECTIONS			
Function	Location	Function	Location
34-pin cable connector - floppy drive	J1	9-pin serial port 1 - external	J6
VESA feature connector	J2	25-pin parallel port - external	J7
40-pin IDE(AT) connector	J3	4-pin connector - drive active LED	J9
16-pin game port	J4	15-pin video connector	J10
9-pin serial port 2 - external	J5		

Note: A 25-pin serial port cable connects to connector J5.

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter (RAMDAC selection)	JP4	Open
í Local video bus scan rate in text modes is 60 Hz	JP5/pins 1 & 2	Closed
Local video bus scan rate in text modes is 72 Hz	JP5/pins 1 & 2	Open
í Local video bus zero wait state select	JP5/pins 3 & 4	Closed
Local video bus one wait state select	JP5/pins 3 & 4	Open
í Local video bus clock <= 33 Mhz	JP5/pins 5 & 6	Open
Local video bus clock > 33 Mhz	JP5/pins 5 & 6	Closed
í Game port enabled	JP6	Pins 1 & 2 closed
Game port disabled	JP6	Pins 2 & 3 closed
í Floppy drive interface I/O address is 3F0h	JP7/1	Pins 1 & 2 closed
Floppy drive interface I/O address is 370h	JP7/1	Pins 2 & 3 closed
í Floppy drive interface enabled	JP7/2	Pins 2 & 3 closed
Floppy drive interface disabled	JP7/2	Pins 1 & 2 closed
í Parallel port is bi-directional	JP10	Open
Parallel port is uni-directional	JP10	Closed
í Local bus IDE zero wait state select	JP11	Pins 1 & 2 closed
Local bus IDE one wait state select	JP11	Pins 2 & 3 closed
í Factory configured - do not alter	JP12	Pins 2 & 3 closed

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USER CONFIGURABLE SETTINGS (CONTINUED)		
Function	Label	Position
í Factory configured - do not alter	JP13/1	Open
í Factory configured - do not alter	JP13/2	Open
í Factory configured - do not alter	JP13/3	Open
í IDE drive primary address select (1F0h)	JP13/6	Open
IDE drive secondary address select (170h)	JP13/6	Closed
í Local IDE bus speed = 33 Mhz	JP13/7	Closed
Local IDE bus speed > 33 Mhz	JP13/7	Open
í Factory configured - do not alter	JP14	Pins 1 & 2 closed
í System is 486	JP15	Pins 2 & 3 closed
System is 386	JP15	Pins 1 & 2 closed
í Monitor retrace timing is standard IBM fonts	SW1/5	Open
Monitor retrace timing is TUV fonts (German standard)	SW1/5	Closed

PARALLEL PORT ADDRESS SELECTION		
Setting	JP8/5	JP8/6
í 378h	Pins 1 & 2 closed	Pins 2 & 3 closed
278h	Pins 2 & 3 closed	Pins 1 & 2 closed
3BCh	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 ADDRESS SELECTION		
Setting	JP8/1	JP8/2
2E8h	Pins 2 & 3 closed	Pins 2 & 3 closed
3E8h	Pins 1 & 2 closed	Pins 2 & 3 closed
í 3F8h	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 2 ADDRESS SELECTION		
Setting	JP8/3	JP8/4
2E8h	Pins 1 & 2 closed	Pins 2 & 3 closed
í 2F8h	Pins 2 & 3 closed	Pins 1 & 2 closed
3E8h	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

IDE MODE SELECTION		
Mode	JP13/4	JP13/5
í 0	Closed	Closed
1	Closed	Open
2	Open	Closed
3	Open	Open

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	J11/1	J11/2	J11/3
IRQ3	Open	Closed	Open
í IRQ4	Closed	Open	Open
IRQ5	Open	Open	Closed

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SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	J11/4	J11/5	J11/6
í IRQ3	Closed	Open	Open
IRQ4	Open	Closed	Open
IRQ5	Open	Open	Closed

PARALLEL PORT INTERRUPT SELECTION (Bi-Directional Only)		
IRQ	J11/7	J11/8
IRQ5	Open	Closed
í IRQ7	Closed	Open

VGA CLOCK FREQUENCY SELECTION			
Speed	JP1	JP2	JP3
40MHz	Open	Closed	Closed
45MHz	Open	Open	Open
50MHz	Closed	Open	Closed
60MHz	Closed	Closed	Open

SUPER VGA SCAN RATE SELECTION					
Screen Resolution	Rate	SW1/1	SW1/2	SW1/3	SW1/4
800x600	56Hz	Off	Off	N/A	N/A
800x600	60Hz	Off	On	N/A	N/A
800x600	72Hz	On	Off	N/A	N/A
1024x768	60Hz	N/A	N/A	Off	On
1024x768	70Hz	N/A	N/A	On	Off
1024x768	72Hz	N/A	N/A	On	On
1024x768	86Hz	N/A	N/A	Off	Off

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(8) 48128	None
2MB	(8) 48128	(8) 48128

**MISCELLANEOUS TECHNICAL NOTES**  
 Within both table and diagram, jumper positions "1 & 2" are HIGH positions. Jumper positions "2 & 3 are LOW positions.