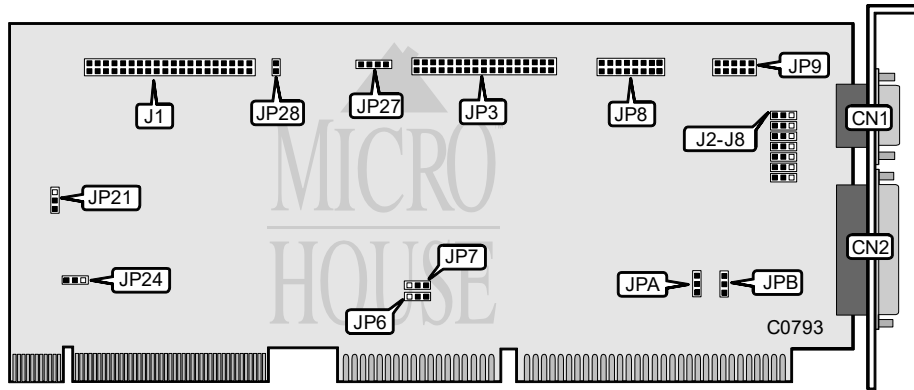


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VL100

Q3/95

Data bus: 32-bit VL-Bus
 Size: Three-quarter-length, full-height card
 Hard drive supported: Two IDE(AT) interface devices
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB or 2.88MB drives



CONNECTIONS	
Function	Location
9-pin serial port 1 - external	CN1
25-pin parallel port - external	CN2
40-pin IDE(AT) connector	J1
34-pin cable connector - floppy drive	JP3
16-pin game port	JP8
10-pin serial port 2 - internal	JP9
4-pin connector - drive active LED	JP27

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
if Floppy drive enabled	J6/pins 1 & 2	closed
Floppy drive disabled	J6/pins 2 & 3	closed
VL100 supports two floppy drives	J7/pins 1 & 2	closed
Reserved for factory use	J7/pins 2 & 3	closed
if IDE interface enabled	JP21/pins 1 & 2	closed
IDE interface disabled	JP21/pins 2 & 3	closed
if VL100 supports two IDE drives	JP28	open
VL100 supports one IDE drive	JP28	closed
if IDE address is 034h, 038h, 03Ch	JP24/pins 1 & 2	closed
IDE address is 0B4h, 0B8h, 0BCh	JP24/pins 2 & 3	closed

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SERIAL PORTS CONFIGURATION						
Port 1	Port 2	J2	J5	J8	JP6	JP7
COM1	COM2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
COM2	COM1	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
COM1	Disabled	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
Disabled	COM1	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
COM2	Disabled	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
Disabled	COM2	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
COM3	COM4	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
COM4	COM3	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
COM3	Disabled	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
Disabled	COM3	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
COM4	Disabled	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
Disabled	COM4	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
COM1	COM4	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
COM4	COM1	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
COM1	Disabled	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
Disabled	COM1	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
COM4	Disabled	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
Disabled	COM4	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
COM2	COM3	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
COM3	COM2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
COM2	Disabled	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
Disabled	COM2	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
COM3	Disabled	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
Disabled	COM3	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
Disabled	Disabled	2 & 3	2 & 3	N/A	N/A	N/A

Note: Designated pins are in the closed position.
The settings of COM3, COM4/ COM1, COM4/ COM2, COM3/ can be implemented only on card with M5105A4E I/O chip.

PARALLEL PORT CONFIGURATION		
LPT	J3	J4
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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BIOS ADDRESS		
Address	JPA	JPB
iC8000h	closed	closed
D0000h	open	closed
D8000h	closed	open
E0000h	open	open