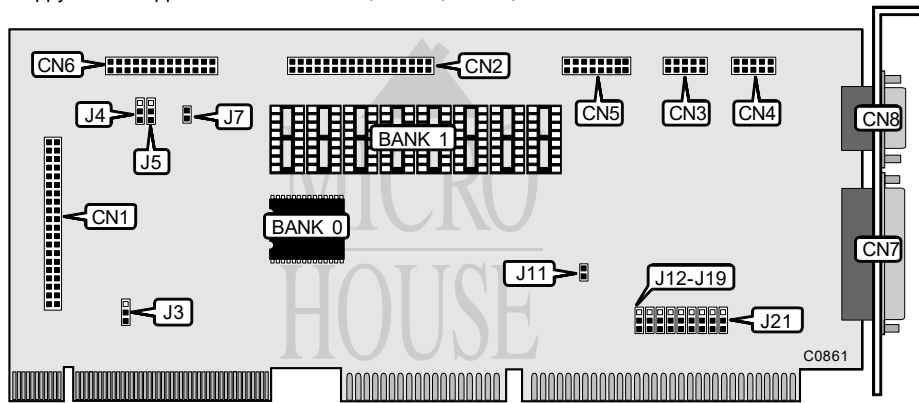# ACER, INC.
L90 & 940 GRAPHICS ACCELERATOR CARD

Q4/95

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

CONNECTIONS	
Function	Location
40-pin IDE(AT) connector	CN1
34-pin cable connector - floppy drive	CN2
10-pin serial port 1 internal	CN3
10-pin serial port 2 - internal	CN4
16-pin game port	CN5
26-pin feature connector	CN6
25-pin parallel port - external	CN7
15-pin VGA connector - external	CN8

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Local bus signal LRDY# enabled	J3/pins 2 & 3	closed
Local bus signal RDYRTN# enabled	J3/pins 1 & 2	closed
í IDE(AT) interface enabled	J7	closed
IDE(AT) interface disabled	J7	open
í CPU clock is <=33MHz	J11	open
CPU clock is >33MHz	J11	closed
í Parallel port IRQ 7 select	J14/pins 2 & 3	closed
Parallel port IRQ 5 select	J14/pins 1 & 2	closed
í Floppy drive interface enabled	J15/pins 1 & 2	closed
Floppy drive interface disabled	J15/pins 2 & 3	closed

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L90 & 940 GRAPHICS ACCELERATOR CARD

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VGA CONFIGURATION		
Mode	J4	J5
í Enabled	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 1 & 2 CONFIGURATION			
COM 1	COM 2	J12	J13
COM1 (3F8h)	COM2 (2F8h)	pins 2 & 3 closed	pins 1 & 2 closed
COM1 (3F8h)	COM4 (2E8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM2 (2F8h)	COM3 (3E8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	COM4 (2E8h)	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 & 2 MODE CONFIGURATION				
COM 1	COM 2	J18	J19	J21
Enabled	Enabled	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Enabled	Disabled	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	Enabled	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	Disabled	pins 2 & 3 closed	pins 2 & 3 closed	N/A

PARALLEL PORT ADDRESS SELECTION		
LPT	J16	J17
í 378h	pins 1 & 2 closed	pins 1 & 2 closed
278h	pins 2 & 3 closed	pins 1 & 2 closed
2BCh	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(2) 256 x 16	none
2MB	(2) 256 x 16	(8) 256 x 4