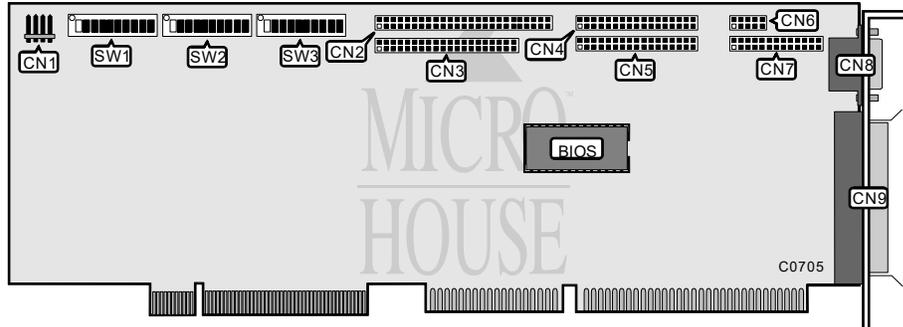


# ALWAYS TECHNOLOGY CORPORATION

## AL-7048

Q1/95

Data bus: 32-bit, VL-bus  
 Size: Full-length, full-height card  
 Hard drive supported: Up to seven SCSI devices, and two IDE (AT) interface drives  
 Floppy drives supported: Two 360KB, 720KB, 1.2MB or 1.44MB drives



CONNECTIONS	
Function	Location
4-pin connector - drive active LED	CN1
50-pin SCSI-2 connector - internal	CN2
40-pin IDE (AT) interface connector - port 1	CN3
34-pin control cabled connector - floppy drive 1	CN4
34-pin control cabled connector - floppy drive 2	CN5
10-pin serial port 2 - internal	CN6
26-pin parallel port connector	CN7
9-pin serial port 1 - external	CN8
50-pin SCSI-2 connector - external	CN9

USER CONFIGURABLE SETTINGS			
Function	Location	Setting	
i Factory configured - do not alter	SW1/9	N/A	
i Multiple drive support enabled	SW1/10	on	
Multiple drive support disabled	SW1/10	off	
i Factory configured - do not alter	SW3/1	N/A	
i Standard parallel port mode enabled	SW3/2	On	
Enhanced parallel port mode enabled	SW3/2	off	
i Enhanced parallel port DMA1 enabled	SW3/3	on	
Enhanced parallel port DMA3 enabled	SW3/3	off	
i SCSI synchronous negotiation enabled	SW3/4	on	
SCSI synchronous negotiation disabled	SW3/4	off	
i Factory configured - do not alter	SW3/5	N/A	
i Factory configured - do not alter	SW3/6	N/A	

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**AL-7048**

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í 16 transfers/BUS Grant enabled	SW3/7	on
2 transfers/BUS Grant enabled	SW3/7	off
í 32-bit VESA mode enabled	SW3/8	on
16-bit VESA mode enabled	SW3/8	off
í Boot ROM enabled	SW3/9	on
Boot ROM disabled	SW3/9	off
í Active termination enabled	SW3/10	on
Active termination disabled	SW3/10	off

BIOS ADDRESS			
Address	SW1/1	SW1/2	SW1/3
í C800h	on	on	on
CC00h	off	on	on
D000h	on	off	on
D400h	off	off	on
D800h	on	on	off
DC00h	off	on	off
Disabled	on	off	off
Disabled	off	off	off

I/O ADDRESS			
ISA Address	VESA Address	SW1/4	SW1/5
í 110h	E800h	on	on
200h	D800h	off	on
220h	C800h	on	off
100h	F800h	off	off

IRQ SELECT			
IRQ	SW1/6	SW1/7	SW1/8
IRQ9	off	on	off
IRQ10	on	on	off
IRQ11	off	off	on
IRQ12	on	off	on
IRQ14	off	on	on
IRQ15	on	on	on
Disabled	on	off	off
Disabled	off	off	off

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## AL-7048

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SERIAL PORT 1 CONFIGURATION		
COM/Address	SW2/1	SW2/2
í C )M1/3F8h	off	off
C )M2/2F8h	on	off
C )M3/3E8h	off	on
isabled	on	on

SERIAL PORT 2 CONFIGURATION		
COM/Address	SW2/3	SW2/4
í C )M2/2F8h	off	off
C )M1/3F8h	on	off
C )M4/2E8h	off	on
isabled	on	on

PARALLEL PORT CONFIGURATION		
LPT/Address	SW2/5	SW2/6
í L )T1/378h	on	off
L )T2/278h	off	off
isabled	on	on

IDE PORT		
Setting	SW2/7	SW2/8
í Primary ontroller enabled	off	on
Seco ary controller e abled	off	off
isabled	on	on

FLOPPY DRIVE		
Setting	SW2/9	SW2/10
í Primary flo py drive enabled	off	on
Second: y floppy drive er abled	off	off
abled	on	on
abled	on	off