

Video Port:	
1.	Red Video
2.	Green Video
3.	Blue Video
4.	Monitor ID Bit 2 (not used)
5.	Ground
6.	Red Return (ground)
7.	Green Return (ground)
8.	Blue Return (ground)
9.	Key (no pin)
10.	Sync Return (ground)
11.	Monitor ID Bit 0 (ground)
12.	Monitor ID Bit 1 (ground)
13.	Horizontal Sync
14.	Vertical Sync
15.	Not Used (diagnostic)

RS-232 Serial Port:	
1.	Carrier Detect
2.	Receive Data
3.	Transmit Data
4.	Data Terminal Ready
5.	Signal Ground
6.	Data Set Ready
7.	Request to Send
8.	Clear to Send
9.	Ring Indicator

Keyboard/Mouse Port:			
1.	Data	4.	+5 VDC
2.	Reserved	5.	Clock
3.	Ground	6.	Reserved

Parallel I/O Port:			
1.	Strobe	10.	ACKNOWLEDGE
2.	Data Bit 0	11.	BUSY
3.	Data Bit 1	12.	PAPER END
4.	Data Bit 2	13.	SELECT
5.	Data Bit 3	14.	AUTO FEED
6.	Data Bit 4	15.	ERROR
7.	Data Bit 5	16.	INITIALIZE
8.	Data Bit 6	17.	SELECT IN
9.	Data Bit 7	18-25.	Ground

Joystick Port:			
1.	+5 VDC	9.	+5 VDC
2.	Button 4	10.	Button 6
3.	Position 0	11.	Position 2
4.	Ground	12.	Ground
5.	Ground	13.	Position 3
6.	Position 1	14.	Button 7
7.	Button 5	15.	+5 VDC
8.	+5 VDC		

MIDI Port:	
1.	MIDI OUT
2.	+5 VDC
3.	MIDI THRU
4.	MIDI IN K
5.	MIDI IN A
6.	Ground

Telephone (RJ11) Port:	
1.	No connection
2.	Ring
3.	Tip
4.	No Connection

Microphone Port:	
1.	AGND
2.	Mic/line-left
3.	Mic/line right

Headphone Port	
1.	AGND
2.	Headphone-left
3.	Headphone-right
4.	PC speaker
5.	PC speaker, switched
6.	No connection

Line Out Port:	
1.	AGND
2.	Line out-left
3.	AGND
4.	Line out-right

Diskette Drive Interface			
1	NC	2	NDEN-
3	NC	4	NC
5	+ 5VDC	6	NC
7	+ 5VDC	8	IDX-
9	+ 5VDC	10	DS0-
11	+ 5VDC	12	DS1-
13	GND	14	DS2-
15	GND	16	MOTEN-
17	GND	18	DIR-
19	GND	20	STEP-
21	GND	22	WD-
23	GND	24	FDCWE-
25	GND	26	TRK00-
27	GND	28	WP-
29	GND	30	RDD-
31	GND	32	HS-
33	GND	34	DCHNG

IDE Interface			
1	HDDRST-	2	GND
3	HDD7	4	HDD8
5	HDD6	6	HDD9
7	HDD5	8	HDD10
9	HDD4	10	HDD11
11	HDD3	12	HDD12
13	HDD2	14	HDD13
15	HDD1	16	HDD15
17	HDD0	18	HDD15
19	GND	20	NC (key)
21	NC	22	GND
23	HDIOW-	24	GND
25	HDIOR-	26	GND
27	HDRDY	28	HDALE
29	NC	30	GND
31	IRQ14	32	HDCS16-
33	HDA1	34	NC
35	HDA0	36	HDA2
37	HHDCS0-	38	HHDCS1-
39	ACTIVE-	40	GND

ISA 16/8-Bit Expansion Slots							
62-pin connector				36-pin connector			
A1	IOCHCK-	B1	GND	A1	SBHE-	B1	MEMCS16-
A2	SD7	B2	RSTDRV	A2	LA23	B2	IOCS16-
A3	SD6	B3	+ 5VDC	A3	LA22	B3	IRQ10
A4	SD5	B4	IRQ9	A4	LA21	B4	IRQ11
A5	SD4	B5	- 5VDC	A5	LA20	B5	IRQ12
A6	SD3	B6	DRQ2	A6	LA19	B6	IRQ15
A7	SD2	B7	- 12VDC	A7	LA18	B7	IRQ14
A8	SD1	B8	OWS-	A8	LA17	B8	DACK0-
A9	SD0	B9	+ 12VDC	A9	MEMR-	B9	DRQ0
A10	IOCHRDY	B10	GND	A10	MEMW-	B10	DACK5-
A11	AEN	B11	SMEMW-	A11	SD8	B11	DRQ5
A12	SA19	B12	SMEMR-	A12	SD9	B12	DACK6-
A13	SA18	B13	IOW-	A13	SD10	B13	DRQ6
A14	SA17	B14	IOR-	A14	SD11	B14	DACK7-
A15	SA16	B15	DACK3-	A15	SD12	B15	DRQ7
A16	SA15	B16	DRQ3	A16	SD13	B16	+ 5VDC
A17	SA14	B17	DACK1-	A17	SD14	B17	MASTER-

A18	SA13	B18	DRQ1	A18	SD15	B18	GND
A19	SA12	B19	REFRESH-				
A20	SA11	B20	SYSCLK				
A21	SA10	B21	IRQ7				
A22	SA9	B22	IRQ6				
A23	SA8	B23	IRQ5				
A24	SA7	B24	IRQ4				
A25	SA6	B25	IRQ3				
A26	SA5	B26	DACK2-				
A27	SA4	B27	TC				
A28	SA3	B28	BALE				
A29	SA2	B29	+ 5VDC				
A30	SA1	B30	OSC				
A31	SA0	B31	GND				

Video Feature Connector			
1	VIDF0	2	GND
3	VIDF1	4	GND
5	VIDF2	6	GND
7	VIDF3	8	ENFID-
9	VIDF4	10	ENFSYNC-
11	VIDF5	12	ENFCLK-
13	VIDF6	14	NC
15	VIDF7	16	GND
17	FCLK	18	GND
19	BLANK-	20	GND
21	HSYNCB	22	GND
23	VSYNCB	24	NC
25	GND	26	NC (key)

(jlc-12/07/93)