

Multiproduct Boards

Controller Boards

Hard Drive Controller Board (WD1002WAH)

Jumper/Setting *	Function
J4	No connections
W1 1 - 2	Primary controller
W2 NL	LED operation

* Jumpers set at the factory. Do not change.

ESDI Hard Drive Controller Board (WD1005WAH)

Jumper	Status
W1	Reserved - Not installed
W2	Reserved - Not installed
W3	Reserved - 2 to 3

ESDI 130/300 Hard Drive Controller Board (WD1007AWAH)

Jumper	Setting	Function
J5	No jumper	Reserved
W3	No jumper	Reserved
W8	Jumper ON	Reserved
W9	No jumper	Reserved
W10	No jumper	Reserved
W11	No jumper	Reserved
W12	No jumper	Reserved

Advanced ESDI Controller (WD1009)

EISA OPERATION - SW500 Settings

Primary or Secondary Controller

S1	OFF *
S2	ON *
S3	OFF *
S4	ON *
S5	OFF
S6	ON

* Under EISA operation, the auto-configuration utility overrides these default settings.

Advanced ESDI Controller (WD1009)

ISA Operation - SW500 Settings

Primary Controller		Secondary Controller	
S1	OFF	S1	ON
S2	ON	S2	OFF
S3	OFF	S3	OFF
S4	ON*	S4	OFF*
S5	OFF	S5	OFF
S6	OFF	S6	OFF

* This switch does not apply under ISA operation because ISA data transfers are programmed I/O transfers and not DMA (direct memory access).

Multiproduct Boards

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Advanced ESDI Controller (WD1009)

SW500 Functions

1	2	3	4	5	6	Function
OFF*						Primary hard drive address select
ON						Secondary hard drive address select
	ON*	OFF*				Interrupt select IRQ14
	OFF	OFF				Interrupt select IRQ15
	OFF	ON				Interrupt select IRQ12
	ON	ON				Interrupt select IRQ11
			ON*			DMA channel 6
			OFF			DMA channel 3
				OFF*		Normal Addressing **
				ON		Slot-specific addressing
					ON*	EISA
					OFF	ISA

* Default.

** No software drivers available at this time for slot-specific addressing.

Diskette/Printer Board (000181-011)

Switch	Setting	Function
SW1-1	OFF	Reserved
SW1-2	ON*	Enable parallel interface
	OFF	Disable parallel interface
SW1-3	OFF	Reserved
SW1-4	OFF	Reserved

* Default.

Multipurpose Controller Board (000142)

Jumper	Pin 1 to Pin 2	Pin 2 to Pin 3
J1	Secondary diskette controller address	Primary diskette controller address
J2 *	Serial interface COM1	Serial interface COM2
J4 *	Serial interface IRQ4	Serial interface IRQ3
J3	Disable parallel interface	Enable parallel interface

* J2 and J4 must be changed together.

Multipurpose Controller Boards (000181-001/000181-021) and Multipurpose Hard Drive Controller Boards (000336-001/000336-021)

Jumper/Switch Setting	Function
J1 - Open connectors on left	Serial interface COM1 IRQ4 *
J1 - Open connectors on right	Serial interface COM2 IRQ3
J2 - Open connectors on left	Primary diskette controller address *
J2 - Open connectors on right	Secondary diskette controller address
SW1-1 ¹	Enable hard drive *
	Disable hard drive
SW1-2	Enable parallel interface *
	Disable parallel interface
SW1-3 ²	Enable serial interface *
	Disable serial interface
SW1-4	Reserved

* Default.

¹ SW1-1 reserved on 000181 boards.

² SW1-3 reserved on 000181-001 (all revisions) and 000336-001 Rev. P or earlier.

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Controller Boards

Multipurpose Hard Drive Controller Board (000519, 000815, and 000957)

Switch	Setting	Function
SW500-1	OFF *	Primary diskette and hard drive address select
	ON	Secondary diskette and hard drive address select
SW500-2	ON*	Enable high-speed transfer rates (for systems with 1.2-MB diskette drive or 40-MB tape drive)
	OFF	Disable high-speed transfer rates (for systems without 1.2-MB diskette drive or 40-MB tape drive)
SW500-3	OFF *	Enable Hard Drive
	ON	Disable Hard Drive
SW500-4	OFF *	Serial interface COM1 IRQ4
	ON	Serial interface COM2 IRQ3
SW500-5	OFF *	Enable serial interface
	ON	Disable serial interface
SW500-6	OFF *	Enable printer interface
	ON	Disable printer interface

* Default.

Tape Adapter (000774)

1	2	3	4	5	6	7	8	Function
ON*	OFF*							Interrupt select IRQ5
OFF	ON							Interrupt select IRQ3
		ON*	OFF*	ON*	OFF*			DMA channel 3
		OFF	ON	OFF	ON			DMA channel 1
						ON*	OFF*	Base address 300 hex
						OFF	ON	Base address 200 hex

* Default.

ESDI External 300/600 Hard Drive Controller Board (001091)

SW500 Settings				Function
1	2	3	4	
OFF*				Primary hard drive address select **
ON				Secondary hard drive address select
	ON*	OFF*		Interrupt select IRQ14
	OFF	OFF		Interrupt select IRQ15
	OFF	ON		Interrupt select IRQ12
	ON	ON		Interrupt select IRQ11
			OFF	Reserved

* Default.

** Requires IRQ14 setting.

15 MHz ESDI Controller Board (001283 and 001628)

1	2	3	4	Function
OFF*				Primary address 3FX and 1FX **
ON				Secondary address 37X and 17X
	ON*	OFF*		Interrupt select IRQ14
	OFF	OFF		Interrupt select IRQ15
	OFF	ON		Interrupt select IRQ12
	ON	ON		Interrupt select IRQ11
			OFF	Reserved

* Default.

** Requires IRQ14 setting.

Multiproduct Boards

Controller Boards

SCSI Option Adapter (001379)

SW1 Settings

1	2	3	4	Function
ON *				Base I/O Address 330h
OFF				Base I/O Address 130h
	OFF			Reserved
		OFF*		DMA channel 7
		ON		DMA channel 5
			OFF*	Interrupt select IRQ5
			ON	Interrupt select IRQ3

* Default.

ESDI/Diskette Controller (001472)

Jumper Setting

Jumper Setting	Function
Jumper ON	Enabled
Jumper OFF	Disabled

SW1 Settings

1	2	3	4	Function
OFF*				Primary Address 3FX and 1FX
ON				Secondary Address 37X and 17X
	ON*	OFF*		Interrupt select IRQ14
	OFF	OFF		Interrupt select IRQ15
	OFF	ON		Interrupt select IRQ12
	ON	ON		Interrupt select IRQ11
			OFF	Reserved

* Default.

SCSI Compression Adapter (001846)

SW1 Settings

1	2	3	4	Function
ON *	ON *			330h (Primary)
OFF	ON			130h (Secondary)
ON	OFF			120h (Tertiary)
OFF	OFF			Reserved
		OFF *		DMA 7
		ON		DMA 5
			OFF *	IRQ5
			ON	IRQ3

* Default.

Multiproduct Boards

Controller Boards

6260 SCSI-2 Controller (002831 and 004004)

Switch	Function	Setting
1 - 2	ROM Disabled *	Open/Open
	C8000 ROM Address	Closed/Open
	CC000 ROM Address	Open/Closed
	D8000 ROM Address	Closed/Closed
3	Primary I/O-340h Address *	Open
	Secondary I/O-140h Address	Closed
4 - 5	IRQ 11 Selected *	Open/Open
	IRQ 12 Selected	Closed/Open
	IRQ 9 Selected	Open/Closed
	IRQ 10 Selected	Closed/Closed
6	Disconnects Enabled *	Open
	Disconnects Disabled	Closed
7	Synchronous Negotiation Enabled *	Open
	Synchronous Negotiation Disabled	Closed
8	Parity Enabled *	Open
	Parity Disabled	Closed
J106	ISA *	On (Installed)
	EISA	Off (Not Installed)

* Default.

Video Boards

Video Display Controller Boards (000031, 000160, and 000345)

J3	J5	Function
2-3	2-3	Enable RGBI and composite video (high-scan) (Desktop default)
1-2	1-2	Disable RGBI and composite video (high-scan) (Portable default)

Video Display Controller Board (000525)

J3/5	Function
2-3	Enable RGBI and composite video (high-scan) (Desktops default)
1-2	Disable RGBI and composite video (high-scan) (Portables default)

Multiproduct Boards

Video Boards

Compaq Enhanced Color Graphics Board (000410 and 000471)

SW1 Settings (As the Only/Primary Video Display Controller Board)

1	2	3	4	Monitor Type	Power-On Mode	Mode
OFF	ON	ON	OFF	Compaq Color Compatible Enh Color Compaq Dual-Mode	80 x 25 (640 x 350)	Color
ON	ON	ON	OFF	Compaq Color Compatible Enh Color Compaq Dual-Mode	80 x 25 (640 x 200)	Color
OFF	OFF	OFF	ON	RGBI Color Compaq Dual-Mode	80 x 25 (640 x 200)	Color
ON	OFF	OFF	ON	RGBI Color Compaq Dual-Mode	40 x 25 (320 x 200)	Color
OFF	OFF	ON	OFF	Compaq Dual-Mode	80 x 25 (720 x 350)	Mono

SW1 Settings (As the Secondary Video Display Controller Board)

1	2	3	4	Monitor Type	Power-On Mode	Mode
OFF	OFF	ON	ON	Compaq Color Compatible Enh Color Compaq Dual-Mode	80 x 25 (640 x 350)	Color
ON	OFF	ON	ON	Compaq Color Compatible Enh Color Compaq Dual-Mode	80 x 25 (640 x 200)	Color
OFF	ON	ON	ON	RGBI Color Compaq Dual-Mode	80 x 25 (640 x 200)	Color
ON	ON	ON	ON	RGBI Color Compaq Dual-Mode	40 x 25 (320 x 200)	Color
OFF	ON	OFF	ON	Compaq Dual-Mode	80 x 25 (720 x 350)	Mono

SW2 Settings

1	2	3	4	5	6	Monitor Type
OFF	OFF					Compaq Color, Compatible Enhanced Color (external)
ON	OFF					RGBI Color (external)
OFF	ON					Compaq Dual-Mode (external)
ON	ON					No external (Portables)
		OFF				Compaq Dual-Mode internal (Compaq Portable, Plus, Portable 286, Portable II)
		ON				No internal (Portable III *, Portable 386 *, Desktops)
			ON	OFF	ON	Reserved

* Set system board setting to monochrome mode.

SW3 Settings (000410 only)

If installed, all OFF (Reserved)

Jumper P1 (External Monitor)

Pins	Monitor Type
1 - 2	Compaq Color or Enhanced Color
2 - 3	RGBI Color or Compaq Dual Mode

Jumper JP3

Pins	Address Select
1 - 2	3xxh (default)
2 - 3	2xxh

Multiproduct Boards

Video Boards

Minimum System ROM Required for CECGB

Product	Minimum ROM
Compaq Deskpro 386	E
Compaq Deskpro 386/20	H
Compaq Portable 386	H
Compaq Portable II	F
Compaq Portable III	K

CECGB Video ROM Revision (Spare Part Number 106686-001)

ROM	Number on ROM
B	108281-001
C	106633-001
D	106633-002
E	106633-003

Compaq Plasma Display Controller Board (000932)

Jumper	Function	Setting
E1	Reserved	Not installed
E2	Reserved	Installed

Video Graphics Controller Board (000806, 001241, and 109360)

Jumper	Function	Setting
J1 or W1 *	Video RAM	1-2, 16-bit 2-3, 8-bit
J2 or W2 *	Video ROM	2-3, 8-bit 1-2, 16-bit

* Default.

Minimum System ROM Required for VGA

Product	Minimum ROM
Compaq Deskpro 386	E
Compaq Deskpro 386/20	H
Compaq Deskpro 386/25	K.2
Compaq Portable 386	H
Compaq Portable III	K

VGC ROM Locations

000806 Board	001241 and 109360 Boards
U14 EVEN	U11 EVEN
U23 ODD	U12 ODD

VGC ROM Revision (Spare Part Number 109315-001)

Revision	Number on ODD ROM	Number on EVEN ROM
A.0	109327-001	109328-001
A.1	109327-002	109328-002
A.2	109327-003	109328-003
B.0	109793-001	109794-001
B.1	109793-002	109794-002
D.0	109793-003	109794-003

Multiproduct Boards

Video Boards

Advanced Graphics 1024 Board (109958)

Jumper W1 Setting	Function
2 - 3 *	Select address space 290h - 29Fh
1 - 2	Select address space 280h - 28Fh

* Default.

QVision 1024/E (001924, 002664, 002930) and QVision 1280/E (002727) Controllers

SW1 Settings		Function
1	2	
ON		Power-up as Secondary Adapter
OFF *		Power-up as Primary Adapter
	ON	Test
	OFF *	Normal

* Default.

QVision 1024/I (002163 and 002948) and QVision 1280/I (002951) Controllers

SW1 Settings								Function
1	2	3	4	5	6	7	8	
OFF*								V3 (Virtual ID bit 3)
	OFF*							V2 (Virtual ID bit 2)
		OFF*						V1 (Virtual ID bit 1)
			OFF*					V0 (Virtual ID bit 0)
				OFF*				RAM interface 16 bits
				ON				RAM interface 8 bits
					OFF			ROM interface 16 bits
					ON*			ROM interface 8 bits
						OFF*		32 K ROM
						ON		24 K ROM
							ON	Test
							OFF*	Normal

* Default.

Multiproduct Boards

Miscellaneous Information

Asynchronous Communications/Clock Board (000061)

Jumper	Pin 1 to Pin 2	Pin 2 to Pin 3
J702 *	COM2 address (2FX)	COM1 address (3FX)
J703 *	IRQ3	IRQ4
Jumper	Status	
J704	Jumper enables 8th slot. No jumper disables 8th slot	
J705 **	Jumper enables clock. No jumper disables clock	
Shunt	Status	
U13	Pins 5 to 12, 6 to 11, 7 to 10, 8 to 9 connected Serial RS232C operation Pins 1 to 16, 2 to 15, 3 to 14, 4 to 13 connected 20-mA current loop operation	

* Jumpers J702 and J703 must be changed together.

** If no physical jumper, clock is enabled.

Serial/Parallel Interface Board (000570)

1	2	3	4	5	6	Function
OFF						Reserved (default)
	ON					Enable serial interface (default)
	OFF					Disable serial interface
		OFF	ON			Parallel printer interface LPT2 (default)
		ON	ON			Parallel printer interface LPT1
		ON	OFF			Parallel printer interface LPT3
		OFF	OFF			Disable parallel printer interface
				OFF	ON	Serial interface COM2 (default)
				ON	ON	Serial interface COM1

Serial/Parallel Interface Board (000990)

1	2	3	4	5	6	Function
OFF	OFF					Reserved (default)
		ON	ON			Parallel interface LPT1 3BC
		OFF	ON			IRQ7
		ON	OFF			Parallel Interface LPT2, default, 378 IRQ5
		OFF	OFF			Parallel interface LPT3 278 *
						Disable parallel interface
				ON	ON	Serial interface COM1
				OFF	ON	Serial interface COM2 (default)
				OFF	OFF	Disable serial interface

* If selecting LPT3, jumper pins 1 and 2 to select IRQ 5. Jumper pins 2 and 3 to select IRQ 7.

Note: If the interface is disabled, the E1 jumper connector should be removed entirely.

Multiproduct Boards

Sound Boards

Media Vision Pro Audio Spectrum 16 Sound Board Settings

This section contains the Compaq default settings for the Spectrum 16 sound board. To ensure optimal performance and integration, Compaq has changed some of the original default settings on the board. Settings listed in this section are correct for use in your system. They may not agree with those listed in your *Spectrum Multimedia Sound Card User's Guide*.

CD-ROM Interface

Setting Type	Hardware Selectable Jumper	Software Selectable Resource Utility	Original Setting	Available	Compaq Default
IRQ Select	J14	No	IRQ 3	IRQ 3,4,5,6	IRQ 5
DMA Select	N/A				
I/O Address		No	340h 34Fh	300h- 30Fh 310h- 31Fh 330h- 33Fh 340h- 34Fh	300-33Fh

J14 Matrix

Pins	IRQ Channel
1-2	IRQ6 (Used by the diskette)
3-4	IRQ5 (Compaq default)
5-6	IRQ4
7-8	IRQ8

J15 Matrix

Pins	I/O Address
1-3, 2-4	340h (original setting)
3-5, 2-4	330h (Compaq default)
1-3, 4-6	310h
3-5, 4-6	300h

Multiproduct Boards

Sound Boards

Media Vision Pro Audio Spectrum Sound Board Jumper Settings

Jumper	Function
1 (MSEL)	Shunt is present, parked
2 (DASO)	None present
3 (DASI)	Shunt is present, parked
4 (DBSO)	Shunt is present, parked
5 (DBS1)	Shunt is present, parked
6 (ISO)	None present
7 (IS1)	Shunt is present, parked
8	Shunt is present, parked
9	Shunt is present, parked
10	Shunt is present, parked
11	None present
12 (PINS 2 and 3)	Shunt is present, parked
13 (PINS 2 and 3)	Shunt is present, parked
14 (PINS 6 and 7)	Shunt is present, parked
15 (PINS 1 and 2)	Shunt is present, parked
16	Shunt is present, parked
17	Shunt is present, parked
18	Shunt is present, parked
19	None present
20	None present
21	None present
22	None present
23	None present
24	Shunt is present, parked
25	None present
26	Shunt is present, parked
27	None present
28	None present
29	None present
30	None present

Media Vision Pro Audio Spectrum 16 Sound Board

Setting Type	Hardware Selectable Jumper	Software Selectable Resource Utility	Original Setting	Available	Compaq Default
DMA Select	No	INSTALL.EXE or AUTOEXEC.BAT command line switch	DMA3	DMAs selectable: 0, 1, 2, 3, 5, 6, 7 DMA's not recommended: 2	DMA7
I/O Address	J2	No		280h - 283h 288h-28Bh 384h-387h 388h-38Bh 38Ch-38Fh	388h-38Bh
IRQ Select	No	INSTALL.EXE or AUTOEXEC.BAT command line switch	IRQ7	IRQs selectable: 2 (9), 3, 5, 7, 10, 11, 12, and 15	IRQ 10

Multiproduct Boards

Sound Boards

Sound Blaster Emulation

Setting Type	Hardware Selectable Jumper	Software Selectable Resource Utility	Original Setting	Available	Compaq Default
DMA Select	No	INSTALL.EXE or AUTOEXEC.BAT command line switch	DMA1	DMAs selectable: 0, 1, 3	DMA1
I/O Address	No	INSTALL.EXE or AUTOEXEC.BAT command line switch	220h - 22Fh	220h - 22h 230h - 23Fh 240h - 24Fh	220h-22Fh
IRQ Select	No	INSTALL.EXE or AUTOEXEC.BAT command line switch	IRQ5	IRQs selectable: 2 (9), 3, 5, and 7	IRQ 7 IRQ 7 can be used if printer does not require an interrupt

MPU-401 Emulator

Setting Type	Hardware Selectable Jumper	Software Selectable Resource Utility	Original Setting	Available	Compaq Default
DMA Select	No				
I/O Address	No	INSTALL.EXE or AUTOEXEC.BAT disabled command line switch	300h - 32Fh	300h - 32Fh 330h-35Fh	300h - 32Fh Resource Disabled
IRQ Select	No	INSTALL.EXE or AUTOEXEC.BAT disabled switch	IRQ2 9	IRQs selectable: 2 (9), 3, 5, and 7 IRQs not recommended : 3, 5, 7	IRQ 2 Resource Disabled

Game Port

Setting Type	Hardware Selectable Jumper	Software Selectable Resource Utility	Original Setting	Available	Compaq Default
DMA Select	N/A				
I/O Address Select	No	Enable Only	201h	201h	201h
IRQ Select	N/A				

Multiproduct Boards

Sound Boards

Sound Blaster Sound Board

JP14 Connector

Pin	Description
1	MICGND: Mic input ground
2	MICGND: Mic input ground
3	MIC IN: Mic input
4	SPKGND: Speaker output ground
5	SPKR Speaker output: Right channel Maximum output: 0.8 Vrms at 10k ohms for line-out. 3 Vrms at 4 ohms for speaker out.
6	SPKR Speaker output: Left channel Maximum output: 0.8 Vrms at 10k ohms for line-out. 3 Vrms at 4 ohms for speaker out.
7	SPKRL Speaker output return signal: Left channel
8	SPKRL Speaker output return signal: Right channel

JP15 Connector

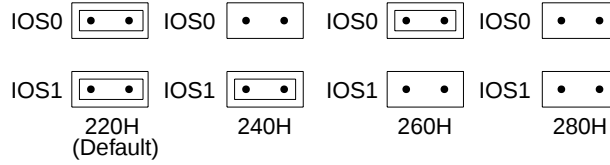
Pin	Description
1	SPKR Speaker output: Right channel Maximum output: 0.8 Vrms at 10k ohms for line-out. 3 Vrms at 4 ohms for speaker out.
2	SPKRR Speaker output return signal: Right channel

Multiproduct Boards

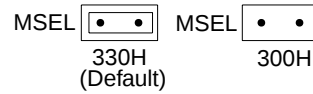
Sound Boards

"Sound Blaster" Sound Board Jumper Settings

BASE I/O ADDRESS OF AUDIO INTERFACE

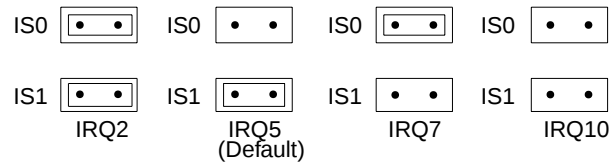


MIDI PORT INTERFACE



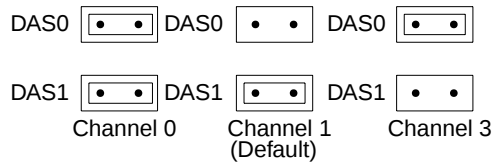
IRQ LINE OF AUDIO INTERFACE

If you need to change the interrupt and the software you are using runs mainly on Windows, you can use interrupt 7.

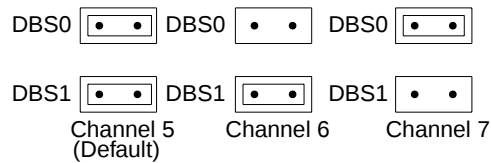


DMA CHANNEL OF AUDIO INTERFACE

The 8-bit DMA channel is for 8-bit digitized sound transfer. Software supporting Sound Blaster uses only channel 1 for sound transfer.



The 16-bit DMA channel is for 16-bit digitized sound transfer. Since not many peripheral cards use the 16-bit DMA channel, you can select any one.

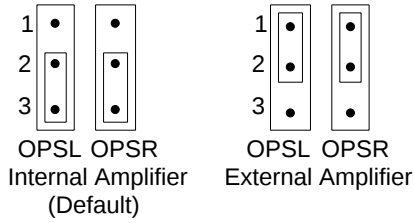


Multiproduct Boards

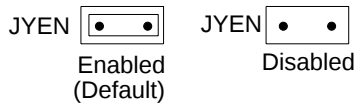
Sound Boards

"Sound Blaster" Sound Board Jumper Settings

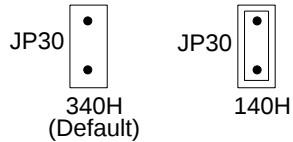
AUDIO OUTPUT AMPLIFIER



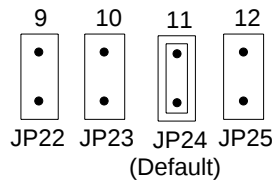
JOYSTICK PORT



BASE I/O ADDRESS OF SCSI INTERFACE

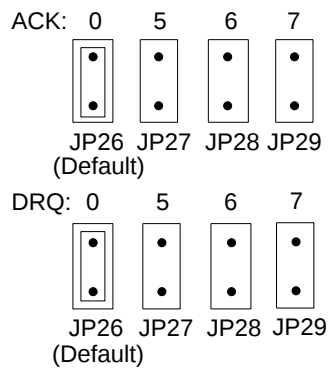


IRQ LINE OF SCSI INTERFACE



	IRQ			
	9	10	11	12
JP 22	on	off	OFF	off
JP 23	off	on	OFF	off
JP 24	off	off	ON	off
JP 25	off	off	OFF	on

DMA CHANNEL OF SCSI INTERFACE



SELECTED CHANNEL

	C0	C5	C6	C7
ACK: 0	ON	off	off	off
DRQ: 0	ON	off	off	off
ACK: 5	OFF	on	off	off
DRQ: 5	OFF	on	off	off
ACK: 6	OFF	off	on	off
DRQ: 6	OFF	off	on	off
ACK: 7	OFF	off	off	on
DRQ: 7	OFF	off	off	on

PINS

Multiproduct Boards

Television Board

PCTV Tuner (assembly 171096-001)

Jumper Setting	I/O Address
Pins 1 & 2	B18/B19
Pins 2 & 3	B28/B29

Miscellaneous Information

Connector Pins/Functions

25-Pin Asynchronous/Serial Connector

Pin	Description
1	Protective Ground
2	Transmit Data (TX)
3	Receive Data (RX)
4	Request to Send (RTS)
5	Clear to Send (CTS)
6	Data Set Ready (DSR)
7	Signal Ground (GND)
8	Carrier Detect (CD)
9	+ Transmit Current Loop Data (20 mA)
10	+ 5 Vdc 200 mA (fuse on board)
11	- Transmit Current Loop Return (20 mA)
12	Reverse Channel Option
13	No connection
14	No connection
15	No connection
16	No connection
17	No connection
18	+ Receive Current Loop Data (20 mA)
19	No connection
20	Data Terminal Ready (DTR)
21	No connection
22	Ring Indicator (RI)
23	No connection
24	No connection
25	- Receive Current Loop Return (20 mA)

25-Pin Parallel Connector

Pin	Description
1	Strobe
2	Data Bit 0
3	Data Bit 1
4	Data Bit 2
5	Data Bit 3
6	Data Bit 4
7	Data Bit 5
8	Data Bit 6
9	Data Bit 7
10	Acknowledge
11	Busy
12	Paper End
13	Select
14	Auto Feed
15	Error
16	Initialize Printer
17	Select Input
18	Signal Ground
19	Signal Ground
20	Signal Ground
21	Signal Ground
22	Signal Ground
23	Signal Ground
24	Signal Ground
25	Signal Ground

Miscellaneous Information

Connector Pins/Functions

9-Pin Asynchronous/Serial Connector

Pin	Description
1	Carrier Detect (CD)
2	Receive Data (RX)
3	Transmit Data (TX)
4	Data Terminal Ready (DTR)
5	Signal Ground (GND)
6	Data Set Ready (DSR)
7	Request to Send (RTS)
8	Clear to Send (CTS)
9	Ring Indicator (RI)

Compaq Desktop Storage Device Power Connections

Pin	Description
J109	Drive C
J110	Tape Drive (Drive D)
J111	Drive B
J112	Drive A

Miscellaneous Information

CD-ROM Drive Jumper/Switch Settings

External Tray Load CD-ROM Drive (Assembly 142250) (Spare Part 199430-001)

Configuration	Default (end of chain)	Middle
Parity	1	1
Sector Size	0	0
Terminator	1	0
Term Power	1	1

Internal Tray Load CD-ROM Drive Jumper Settings (Spare Part 142223-001)

ID Number	Jumper 1	Jumper 2	Jumper 3
0	OFF	OFF	OFF
1	ON	OFF	OFF
2	OFF	ON	OFF
3	ON	ON	OFF
4	OFF	OFF	ON
5	ON*	OFF*	ON*
6	OFF	ON	ON
7	ON	ON	ON

Jumper	Position	Function
4	ON*	Parity Enable
4	OFF	Parity Disable
5	ON	Sector size = 512
5	OFF*	Sector size = 2048
6	ON*	Terminator Enable
6	OFF	Terminator Disable
7	ON*	Term Power Enable
7	OFF	Term Power Disable

* Indicates factory setting.

SCSI ID Numbers

Internal DualSpeed CD-ROM Drive (Spare Part 133881-001)

ID Number	Jumper 0	Jumper 1	Jumper 2
0	OFF	OFF	OFF
1	ON	OFF	OFF
2	OFF	ON	OFF
3	ON	ON	OFF
4	OFF	OFF	ON
5	ON	OFF	ON
6*	OFF	ON	ON
7	ON	ON	ON

Jumpers	Default
Parity	ON
Prevent/Allow	ON
SCSI ID Select (Banks 2,3,4)	6
Test Mode	Disabled

* Default.

Miscellaneous Information

Ethernet 16TP Controller - Factory Configuration

Parameter	Value
Amount of RAM to Map	None mapped
Boot ROM Address	No boot ROM
Connector Type	RJ-45
Force 8-Bit Operation	No
I/O Address	300h to 350h
Interrupt	IRQ 5
RAM Start Address	None mapped

Token Ring Network Operating Systems

Operating Systems Supported by the Network Drivers

Adapter Support Interface
NDIS 2.0 1 DOS
NDIS 2.0.1 OS/2
NetWare 2.2 Workstation
NetWare DOS ODI
NetWare OS/2 ODI

Token Ring Network Default Configurations

Parameter	Value
Boot ROM Address	Boot ROM disabled
I/O Address	0A20 - 0A3F
Interrupt Level	IRQ 5

I/O Addresses

A 32-byte block of I/O addresses is required to communicate with the processor. Be careful not to use an address of another controller in the computer. If two controllers share I/O addresses, they will not operate correctly. Choose from the following I/O addresses:

I/O Address Blocks

Address	Address	Address
0240 to 25Fh	02C0 to 2DFh	0380 to 38Fh
0280 to 29Fh	0340 to 35F	
1A20 to 1A3Fh	0300 to 31Fh	0A20 to A3Fh (default)

Miscellaneous Information

Interrupt Levels

An interrupt processes information moving to and from the network. The interrupt you select can be used by only one controller in the computer. If two controllers share an interrupt, they will not operate properly. Choose from the following interrupts:

Interrupt Levels

Level	Common Use
IRQ 2	Usually cascaded with QVision video
IRQ 3	COM 2
IRQ 4	COM 1
IRQ 5	Usually available
IRQ 9	Usually cascaded with QVision video
IRQ 10	Usually used with audio hardware
IRQ 11	Usually available

Miscellaneous Information

Desktop and Server Keyboard Information

Keyboards	Spare Part	Systems
101 Spacesaver Keyboard ⁵	160648-101	ProLinea, Presario, ProLiant, ProSignia
Enhanced I/Enhanced III Keyboards with adapter ⁴	111707-001	
Enhanced III Keyboard ¹	140536-101	Deskpro e, s, n, i, M, XE, Systempro
Enhanced III Keyboard with adapter ²	140536-001	Deskpro series ³
Enhanced, Erase Ease, Windows Scanner Keyboard, Consumer	247431-101	Deskpro 2000, 4000, 6000
	185288-301	Deskpro, DP2000, 4000, 6000, ProLinea, Presario
Spacesaver, Windows	235496-101	Deskpro 2000

¹ Replaces the 112573-001 and 119951-001 EII keyboards.

² Uses the US or Ireland version of the EIII keyboard only.

³ Units without letters in the name.

⁴ Supported only with the US and Ireland version of the EIII keyboard.

⁵ Replaces the 141785-101 keyboard.

Keyboard Country Extensions

Kit Number	Keyboard	Kit Number	Keyboard
XXXXXX-120	B, H, C, S, Y	XXXXXX-101	United States
XXXXXX-121	Hungarian	XXXXXX-102	International
XXXXXX-122	Polish	XXXXXX-103	United Kingdom
XXXXXX-123	Slovakian	XXXXXX-104	German
XXXXXX-124	Russian	XXXXXX-105	French
XXXXXX-125	Bulgarian	XXXXXX-106	Italian
XXXXXX-126	Albanian	XXXXXX-107	Spanish
XXXXXX-127	Romanian	XXXXXX-108	Danish
XXXXXX-128	Y(C)	XXXXXX-109	Norwegian
XXXXXX-129	Czechoslovakian	XXXXXX-110	Swedish/Finnish
XXXXXX-130	Thailand	XXXXXX-111	Swiss
XXXXXX-131	Canadian	XXXXXX-112	French Canadian
XXXXXX-132	Beijing	XXXXXX-113	Portuguese
XXXXXX-133	Korean	XXXXXX-114	Turkish
XXXXXX-134	Taiwanese	XXXXXX-115	Greek
XXXXXX-135	Brazil	XXXXXX-116	Latin American
XXXXXX-136	Arabic	XXXXXX-117	Arabic
XXXXXX-137	Finnish	XXXXXX-118	Belgian
XXXXXX-138	New Czech	XXXXXX-119	Japanese

Uninterruptible Power Supplies (UPS)

120 Volt UPS	Description	Spare Part
PRA 1000	1000 Volt/Ampere	142229-001
PRA 1500	1500 Volt/Ampere	142229-002
PRA 2000	2000 Volt/Ampere	142229-003
PRA Battery	Used with PRA 2000	142261-001

220 Volt UPS	Description	Spare Part
PRA 1000i	1000 Volt/Ampere	142229-004
PRA 1400i	1400 Volt/Ampere	142229-005
PRA 2200i	2200 Volt/Ampere	142229-006
PRA Battery	Used with PRA 2200i	142261-001

Japan UPS	Description	Spare Part
PRA 500J	1000 Volt/Ampere	142229-007
PRA 1200J	1400 Volt/Ampere	142229-008
PRA 1800J	2200 Volt/Ampere	142229-009
PRA Battery	Used with PRA 1800J	142261-001

Rack-Mountable UPS	Description	Spare Part
PRR 2500	120v, 2500 Volt/Ampere	165713-001
PRR 2200	230v	142229-010
PRR 2200b	208v	184552-001
PRR 2200i	230v, 2500 Volt/Ampere	165714-001
PRR 2200j	110v	184551-191

UPS Cables	Description	Spare Part
Cable	IEC-IEC Jumper, 20A	295508-001
Cable	Scalable	295562-001
Communication	Except Rack Mount	142260-001
Communication	Rack Mount, 12 Feet	142260-002
IEC	Except Rack Mount	142258-001
IEC, rack mount	6 ft, AC, IEC to IEC	142258-001
	8 ft, AC, IEC to IEC	142258-002
	10 ft, AC, IEC to IEC	142258-003

Miscellaneous	Description	Spare Part
EPO Connector	Emergency Power Off	165758-001