Thank you for purchasing this Factory Service Manual CD/DVD from servicemanuals4u.com.

Please check out our eBay auctions for more great deals on Factory Service Manuals:

servicemanuals4u

maintenance & service guide

Presario 1600XL Series
Model 1600T, 1600-XL140, 1600-XL141, 1600-XL142, 1600-XL143, 1600-XL144, 1600-XL146, 1600-XL147, 1600-XL150 XL156, XL157, XL255, XL256, XL257, and XL258

Pin Assignments

This appendix provides connector pin assignment tables for Compaq Presario 1600XL Series Portable Notebooks. For more information on connectors, refer to the section on Rear Connectors.

> **Note:** The signals in all tables of this appendix are considered active high unless otherwise indicated by an asterisk (*).
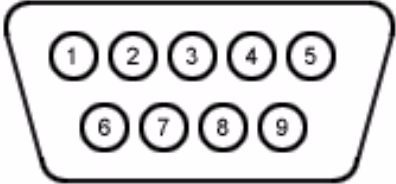
Parallel Connector

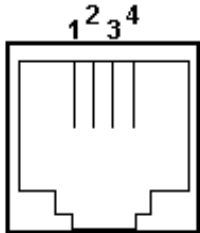| Pin	Signal	Pin	Signal
1	Strobe*	10	Acknowledge*
2	Data Bit 0	11	Busy
3	Data Bit 1	12	Paper Out
4	Data Bit 2	13	Select
5	Data Bit 3	14	Auto Linefeed*
6	Data Bit 4	15	Error*
7	Data Bit 5	16	Initialize Printer*
8	Data Bit 6	17	Select In*
9	Data Bit 7	18-25	Signal Ground

* = Active low

1.800.At.Compaq

maintenance & service guide

Presario 1600XL Series
Model 1600T, 1600-XL140, 1600-XL141, 1600-XL142, 1600-XL143, 1600-XL144, 1600-XL146, 1600-XL147, 1600-XL150 XL156, XL157, XL255, XL256, XL257, and XL258

Serial Connectors		
Connector	**Pin**	**Signal**
	1	Carrier Detect
	2	Receive Data
	3	Transmit Data
	4	Data Terminal Ready
	5	Signal Ground
	6	Data Set Ready
	7	Ready to Send
	8	Clear to Send
	9	Ring Indicator

Keyboard/Mouse		
Connector	**Pin**	**Signal**
	1	Data 1
	2	Data 2
	3	Ground
	4	+5 V
	5	Clock 1
	6	Clock 2

Modem Connector		
Connector	**Pin**	**Signal**
	1	Unused
	2	Tip
	3	Ring
	4	Unused

maintenance & service guide

Presario 1600XL Series
Model 1600T, 1600-XL140, 1600-XL141, 1600-XL142, 1600-XL143, 1600-XL144, 1600-XL146, 1600-XL147, 1600-XL150 XL156, XL157, XL255, XL256, XL257, and XL258

Universal Serial Bus

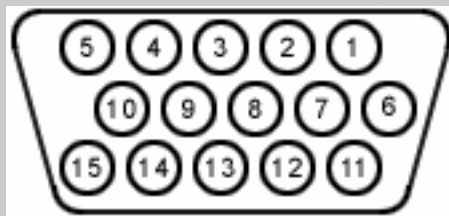| Connector	Pin	Signal
	1	+5 V
	2	Data -
	3	Data +
	4	Ground

External VGA Monitor
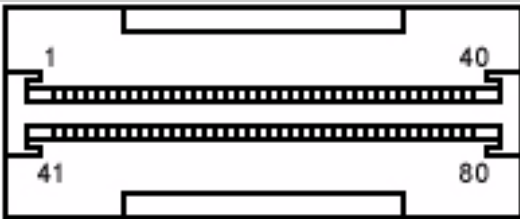
Pin	Connector	Pin	Signal
1	Red Analog	9	+5 V
2	Green Analog	10	Ground
3	Blue Analog	11	Not connected
4	Not connected	12	DDC2B Data
5	Ground	13	Horizontal Sync
6	Ground Analog	14	Vertical Sync
7	Ground Analog	15	DDC2B Clock
8	Ground Analog		

maintenance & service guide

Presario 1600XL Series
Model 1600T, 1600-XL140, 1600-XL141, 1600-XL142, 1600-XL143, 1600-XL144, 1600-XL146, 1600-XL147, 1600-XL150 XL156, XL157, XL255, XL256, XL257, and XL258

TV-Out		
Connector	**Pin**	**Signal**
	1	Ground
	2	Composite

QuikDock Connector

Pin	Signal	Pin	Signal	Pin	Signal	Pin	Signal
1	Adapter Power	22	Serial Port DCD	43	Keyboard Clock	64	MIDI Output
2	Adapter Power	23	Serial Port DSR	44	Keyboard Data	65	Headphone Sense
3	Adapter Power	24	Serial Port TXD	45	Mouse Clock	66	USB Power
4	Adapter Power	25	Serial Port RTS	46	Mouse Data	67	USB Power
5	Adapter Power	26	Monitor DDC	47	Lp Select	68	USB Power
6	Adapter Power	27	Monitor DDC	48	Lp Paper End	69	USB Power
7	Not Connected	28	Not connected	49	Lp Initialize	70	USB A-
8	Printer Data 0	29	V.SYNC	50	Lp Busy	71	USB A+
9	Printer Data 1	30	Ground	51	Lp Error	72	USB B-
10	Printer Data 2	31	H.SYNC	52	Lp Acknowledge	73	USB B+
11	Printer Data 3	32	Ground	53	Lp AutoFeed	74	5V
12	Printer Data 4	33	Blue	54	Lp Strobe	75	5V
13	Printer Data 5	34	Ground	55	Joystick Data A	76	Line Out Left
14	Printer Data 6	35	Green	56	Joystick Data B	77	S-Video SYR

maintenance & service guide

Presario 1600XL Series
Model 1600T, 1600-XL140, 1600-XL141, 1600-XL142, 1600-XL143, 1600-XL144, 1600-XL146, 1600-XL147, 1600-XL150 XL156, XL157, XL255, XL256, XL257, and XL258

QuikDock Connector
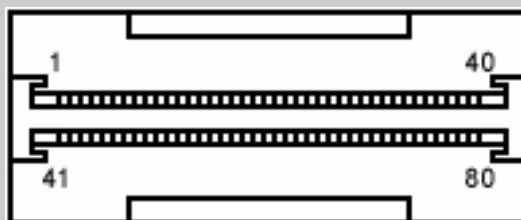
Pin	Signal	Pin	Signal	Pin	Signal	Pin	Signal
15	Printer Data 7	36	Ground	57	Joystick Data C	78	Ground
16	Lp Indicator	37	Red	58	Joystick Data D	79	S-Video SCG
17	QuikDock Indicator	38	Ground	59	Switch A	80	Ground
18	Serial Port RXD	39	Composite TV Out	60	Switch B	81	Ground
19	Serial Port RI	40	Line Out Right	61	Switch C	82	Ground
20	Serial Port DTR	41	Line Out Present	62	Switch D		
21	Serial Port CTS	42	Power Cycle	63	MIDI Input		

maintenance & service guide

Presario 1600XL Series
Model 1600T, 1600-XL140, 1600-XL141, 1600-XL142, 1600-XL143, 1600-XL144, 1600-XL146, 1600-XL147, 1600-XL150 XL156, XL157, XL255, XL256, XL257, and XL258