

Premiere/PCI LPX Low Profile – Connectors

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PS/2 STYLE MOUSE/KEYBOARD

Pin	Signal Name
1	Data
2	No Connect
3	Ground
4	Vcc (fused)
5	Clock
6	No Connect

KEYLOCK/POWER LED

Pin	Signal Name
1	LED_PWR
2	Key
3	Ground
4	KEY LOCK
5	Ground

PRIMARY POWER

Pin	Name	Function
1	PWRGD	Power Good
2	+5 V	+ 5 volts Vcc
3	+12 V	+ 12 volts
4	-12 V	- 12 volts
5	GND	Ground
6	GND	Ground
7	GND	Ground
8	GND	Ground
9	-5 V	-5 volts
10	+5 V	+ 5 volts Vcc
11	+5 V	+ 5 volts Vcc
12	+5 V	+ 5 volts Vcc

HARD DRIVE LED (DISK)

Pin	Signal Name
1	PULL_UP_330
2	HD ACTIVE-
3	Key
4	PULL_UP_330

TURBO LED

Pin	Signal Name
1	PULL_UP_330
2	LED_TURBO-

AUXILIARY 12V FAN POWER

Pin	Signal Name
1	Ground
2	+12 V (fused)
3	Ground

AUXILIARY (3.3V) POWER

Pin	Name	Function
1	GND	Ground
2	GND	Ground
3	GND	Ground
4	+3.3 V	+ 3.3 volts
5	+3.3V	+ 3.3 volts
6	+3.3 V	+ 3.3 volts

SERIAL PORTS

Pin	Signal Name
1	DCD* (Data Carrier Detect)
2	SIN (Serial Input)
3	SOUT (Serial Output)
4	DTR* (Data Terminal Ready)
5	Ground
6	DSR* (Data Set Ready)
7	RTS* (Request to Send)
8	CTS* (Clear to Send)
9	RI* (Ring Indicator)

SPEAKER CONNECTOR

Pin	Signal Name
1	SPKR_DAT
2	Key
3	No Connect
4	+5V Vcc

RESET CONNECTOR

Pin	Signal Name
1	RESET
2	Ground

IDE CONNECTOR

<i>Signal Name</i>	<i>Pin</i>	<i>Pin</i>	<i>Signal Name</i>
Reset IDE	1	2	Ground
Host Data 7	3	4	Host Data 8
Host Data 6	5	6	Host Data 9
Host Data 5	7	8	Host Data 10
Host Data 4	9	10	Host Data 11
Host Data 3	11	12	Host Data 12
Host Data 2	13	14	Host Data 13
Host Data 1	15	16	Host Data 14
Host Data 0	17	18	Host Data 15
Ground	19	20	Key
DRQ3	21	22	Ground
I/O Write-	23	24	Ground
I/O Read-	25	26	Ground
IOCHRDY	27	28	BALE
DACK3-	29	30	Ground
IRQ14	31	32	IOCS16-
Addr 1	33	34	Ground
Addr 0	35	36	Addr 2
Chip Select 0-	37	38	Chip Select 1-
Activity	39	40	Ground

FLOPPY CONNECTOR

<i>Signal Name</i>	<i>Pin</i>	<i>Pin</i>	<i>Signal Name</i>
Ground	1	2	FDHDIN
Ground	3	4	Reserved
Key	5	6	FDEDIN
Ground	7	8	Index-
Ground	9	10	Motor Enable A-
Ground	11	12	Drive Select B-
Ground	13	14	Drive Select A-
Ground	15	16	Motor Enable B-
Ground	17	18	DIR-
Ground	19	20	STEP-
Ground	21	22	Write Data-
Ground	23	24	Write Gate-
Ground	25	26	Track 00-
Ground	27	28	Write Protect-
Ground	29	30	Read Data-
Ground	31	32	Side 1 Select-
Ground	33	34	Diskette

PARALLEL PORT CONNECTOR

<i>Signal Name</i>	<i>Pin</i>	<i>Pin</i>	<i>Signal Name</i>
STROBE-	1	2	AUTO FEED-
Data Bit 0	3	4	ERROR-
Data Bit 1	5	6	INIT-
Data Bit 2	7	8	SLCT IN-
Data Bit 3	9	10	Ground
Data Bit 4	11	12	Ground
Data Bit 5	13	14	Ground
Data Bit 6	15	16	Ground
Data Bit 7	17	18	Ground
ACJ-	19	20	Ground
BUSY	21	22	Ground
PE (Paper End)	23	24	Ground
SLCT	25		

VIDEO MONITOR PORT

<i>Pin</i>	<i>Signal Name</i>
1	Red
2	Green
3	Blue
4	No Connect
5	Ground
6	Ground
7	Ground
8	Ground
9	No Connect
10	Ground
11	No Connect
12	No Connect
13	Horizontal Sync.
14	Vertical Sync.
15	No Connect

VESA FEATURE CONNECTOR

<i>Signal Name</i>	<i>Pin</i>	<i>Pin</i>	<i>Signal Name</i>
Ground	1	2	Data 0
Ground	3	4	Data 1
Ground	5	6	Data 2
Data enable	7	8	Data 3
Sync enable	9	10	Data 4
PCLK enable	11	12	Data 5
Vcc	13	14	Data 6
Ground	15	16	Data 7
Ground	17	18	PCLK
Ground	19	20	BLANK
Ground	21	22	
Vcc	23	24	
	25	26	Ground

PCI RISER CONNECTOR (J9F1)

Signal Name	Pin	Pin	Signal Name
IOCHK-	A1	B1	GND
SD7	A2	B2	RSTDRV
SD6	A3	B3	Vcc
SD5	A4	B4	IRQ9
SD4	A5	B5	-5V
SD3	A6	B6	DRQ2
SD2	A7	B7	-12V
SD1	A8	B8	0WS-
SD0	A9	B9	+12V
IOCHRDY	A10	B10	GND
AEN	A11	B11	SMEMW-
SA19	A12	B12	SMEMR-
SA18	A13	B13	IOW-
SA17	A14	B14	IOR-
SA16	A15	B15	DACK3-
SA15	A16	B16	DRQ3
SA14	A17	B17	DACK1-
SA13	A18	B18	DRQ1
SA12	A19	B19	REFRESH-
SA11	A20	B20	SYSCLK
SA10	A21	B21	IRQ7
SA9	A22	B22	IRQ6
SA8	A23	B23	IRQ5
SA7	A24	B24	IRQ4
SA6	A25	B25	IRQ3
SA5	A26	B26	DACK2-
SA4	A27	B27	TC
SA3	A28	B28	BALE
SA2	A29	B29	Vcc
SA1	A30	B30	OSC
SA0	A31	B31	GND
SBHE-	C1	D1	MEMCS16-
LA23	C2	D2	IOCS16-
LA22	C3	D3	IRQ10
LA21	C4	D4	IRQ11
LA20	C5	D5	IRQ12
LA19	C6	D6	IRQ13
LA18	C7	D7	IRQ14
LA17	C8	D8	DACK0-
MEMR-	C9	D9	DRQ0
MEMW-	C1	D10	DACK5-
SD8	C1	D11	DRQ5
SD9	C1	D12	DACK6-
SD10	C1	D13	DRQ6
SD11	C1	D14	DACK7-
SD12	C1	D15	DRQ7
SD13	C1	D16	Vcc
SD14	C1	D17	MASTER-
SD15	C1	D18	GND
GND	E1	F1	GND

GND	E2	F2	GND
PCIINT1-	E3	F3	PCIINT3-
PCIINT2-	E4	F4	PCIINT4-
Vcc	E5	F5	Vcc
Key	E6	F6	Key
Vcc	E7	F7	Vcc
PCIRST-	E8	F8	PCLKF
GNT0-	E9	F9	GND
REQ0-	E10	F10	GNT1-
GND	E11	F11	GND
PCLKE	E12	F12	REQ1-
GND	E13	F13	AD31
AD30	E14	F14	AD29
3.3V	E15	F15	3.3V
Key	E16	F16	Key
3.3V	E17	F17	3.3V
AD28	E18	F18	AD27
AD26	E19	F19	AD25
AD24	E20	F20	CBE3-
AD22	E21	F21	AD23
AD20	E22	F22	AD21
AD18	E23	F23	AD19
3.3V	E24	F24	3.3V
Key	E25	F25	Key
3.3V	E26	F26	3.3V
AD16	E27	F27	AD17
FRAME-	E28	F28	IRDY-
CBE2-	E29	F29	DEVSEL-
TRDY-	E30	F30	PLOCK-
STOP-	E31	F31	PERR-
SDONE	G1	H1	SERR-
SBO-	G2	H2	AD15
CBE1-	G3	H3	AD14
PAR	G4	H4	AD12
GND	G5	H5	GND
Key	G6	H6	Key
GND	G7	H7	GND
AD13	G8	H8	AD10
AD11	G9	H9	AD8
AD9	G1	H10	AD7
CBE0-	G1	H11	AD5
AD6	G1	H12	AD3
AD4	G1	H13	AD1
AD2	G1	H14	AD0
Key	G1	H15	Key
Vcc	G1	H16	Vcc
Vcc	G1	H17	Vcc
GND	G1	H18	GND
GND	G1	H19	GND

