

0.1" Backplane and Card Connector

Pin numbering matches backplane side

Even/odd pins swapped on card side (PCB gets flipped so cable extends above top side of card)

J1			
P01	1	2	P02
P03	3	4	P04
P05	5	6	P06
P07	7	8	P08
P09	9	10	P10
P11	11	12	P12
P13	13	14	P14
P15	15	16	P16
P17	17	18	P18
P19	19	20	P20
P21	21	22	P22
P23	23	24	P24
P25	25	26	P26
P27	27	28	P28
P29	29	30	P30
P31	31	32	P32
P33	33	34	P34
P35	35	36	P36
P37	37	38	P38
P39	39	40	P40
P41	41	42	P42
P43	43	44	P44
P45	45	46	P46
P47	47	48	P48
P49	49	50	P50
P51	51	52	P52
P53	53	54	P54
P55	55	56	P56
P57	57	58	P58
P59	59	60	P60
P61	61	62	P62
P63	63	64	P64
P65	65	66	P66
P67	67	68	P68
P69	69	70	P70
P71	71	72	P72

72P_0.1_DIP

Extension Ribbon Cable Connectors

Populate ribbon connectors on bottom of PCB for backplane side

Populate ribbon connectors on top of PCB for card side

Note orientation on silkscreen - connector is flipped on opposite sides

J2			
P01	1	2	P02
P03	3	4	P04
P05	5	6	P06
P07	7	8	P08
P09	9	10	P10
P11	11	12	P12
P13	13	14	P14
P15	15	16	P16
P17	17	18	P18
	19	20	
	21		
P19	23	24	P20
P21	25	26	P22
P23	27	28	P24
P25	29	30	P26
P27	31	32	P28
P29	33	34	P30
P31	35	36	P32
P33	37	38	P34
P35	39	40	P36

Male IDE Connector

J3			
P37	1	2	P38
P39	3	4	P40
P41	5	6	P42
P43	7	8	P44
P45	9	10	P46
P47	11	12	P48
P49	13	14	P50
P51	15	16	P52
P53	17	18	P54
	19	20	
	21		
P55	23	24	P56
P57	25	26	P58
P59	27	28	P60
P61	29	30	P62
P63	31	32	P64
P65	33	34	P66
P67	35	36	P68
P69	37	38	P70
P71	39	40	P72

Male IDE Connector

Notes:

Do NOT use with 80-wire "Ultra ATA" IDE cables or DAMAGE is likely
Pin 20 left unused, allows removing pin and using standard keyed IDE cables (40-wire cable ONLY)
Extra pins can be jumpered to other pins if needed for extra current capacity
When using cards outside chassis, must ensure sufficient card cooling
Maximum usable cable length is unknown (17" cables tested OK)

Title **HP 16xxx Card Extension**

Size	Number	Revision
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