

## Singularity Computers PowerBoard Linking Cable setup

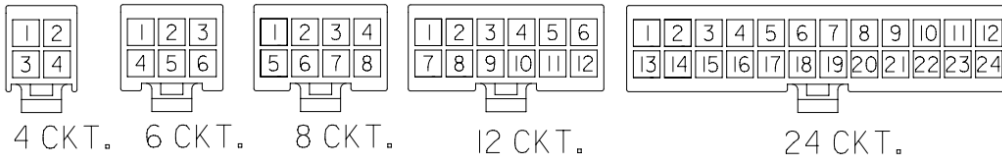
8pin EPS Linking Cable		4pin EPS Linking Cable		8pin PCIE Linking Cable		6pin PCIE Linking Cable		24pin MB Linking Cable	
8pin EPS	8pin EPS	4pin EPS	4pin EPS	8pin PCIE	8pin PCIE	8pin PCIE	6pin PCIE	24pin MB	24pin MB
1	4	1	2	1	4	EMPTY		1	12
2	3	2	1	2	3	2	3	2	11
3	2	3	4	3	2	3	2	3	10
4	1	4	3	4	1	4	1	4	9
5	8			5	8	EMPTY		5	8
6	7			6	7	6	6	6	7
7	6			7	6	7	5	7	6
8	5			8	5	8	4	8	5
						PowerBoard side	GPU side	9	4
								10	3
								11	2
								12	1
								13	24
								14	23
								15	22
								16	21
								17	20
								18	19
								19	18
								20	17
								21	16
								22	15
								23	14
								24	13

	Basic setup:	Univ. Length
8pin EPS	x2	18.7cm/20cm
4pin EPS	x1	18.7cm/20cm
8pin PCIE	x3	30cm
6pin PCIE	x1	30cm
24pin MB	x1	18.7cm/20cm

All PowerBoard cables use female connectors.  
Pinout as seen from the cable insert side / back of connector plug



Number or input and output connectors per PowerBoard:							
	Spectre 3.0	PC-O11D	5000 Series				
<b>OUTPUT</b>							
8pin EPS	2(4)	2(4)	2(5)				
24pin MB	1	1	1				
8pin PCIE	4	6	4				
<b>INPUT</b>							
8pin EPS	2	2	2				
24pin MB	1	1	1				
8pin PCIE	4	5	4				

## Singularity Computers PowerBoard PSU Cable setup

Your stock PSU cables can be used for this cable set. The PowerBoard input connectors use industry standard pinouts.

For custom cables:

These cables are PSU specific so they need to have the same PSU pinouts as the stock cables. The standard length for this cable set is 30cm for all cables.

PowerBoards require the following number of PSU cables:

	Spectre 3.0	PC-O11D	5000 Series
8pin EPS	2	2	2
24pin MB	1	1	1
8pin PCIE	4	5	4

IMPORTANT: We provide standard lengths but if you would like your lengths to be exact then you need to measure them from your components.

There is at least a 100mm cable length variation between different components and configurations which we have had to allow for in our standard lengths.

It is possible you will end up with excess length. We take no responsibility for lengths not matching your components and configuration.

## Singularity Computers PowerBoard Connector pinouts

All output connector pinouts are mirrored left-to-right, so a 1-to-1 custom cable assembly can be used to link the PowerBoard to a Motherboard.

These custom cable assemblies don't have wire splits nor wire crossings, so a perfect "rainbow" style wiring can be achieved.

