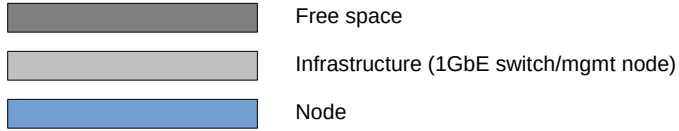


108 node (6x6x3) NumaConnect Fabric Torus 3 cabinet layout

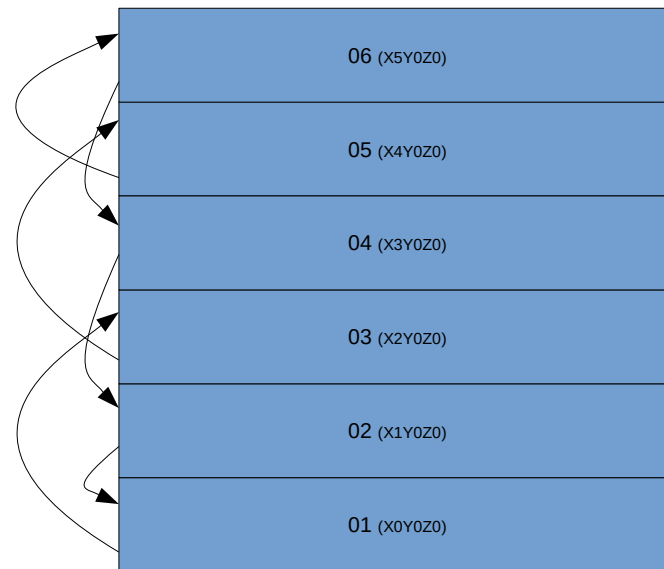


42			
41			
40	36 (X5Y5Z0)	72 (X5Y5Z1)	108 (X5Y5Z2)
39	35 (X4Y5Z0)	71 (X4Y5Z1)	107 (X4Y5Z2)
38	34 (X3Y5Z0)	70 (X3Y5Z1)	106 (X3Y5Z2)
37	33 (X2Y5Z0)	69 (X2Y5Z1)	105 (X2Y5Z2)
36	32 (X1Y5Z0)	68 (X1Y5Z1)	102 (X1Y5Z2)
35	31 (X0Y5Z0)	67 (X0Y5Z1)	103 (X0Y5Z2)
34			
33	30 (X5Y4Z0)	66 (X5Y4Z1)	102 (X5Y4Z2)
32	29 (X4Y4Z0)	65 (X4Y4Z1)	101 (X4Y4Z2)
31	28 (X3Y4Z0)	64 (X3Y4Z1)	100 (X3Y4Z2)
30	27 (X2Y4Z0)	63 (X2Y4Z1)	99 (X2Y4Z2)
29	26 (X1Y4Z0)	62 (X1Y4Z1)	98 (X1Y4Z2)
28	25 (X0Y4Z0)	61 (X0Y4Z1)	97 (X0Y4Z2)
27			
26	24 (X5Y3Z0)	60 (X5Y3Z1)	96 (X5Y3Z2)
25	23 (X4Y3Z0)	59 (X4Y3Z1)	95 (X4Y3Z2)
24	22 (X3Y3Z0)	58 (X3Y3Z1)	94 (X3Y3Z2)
23	21 (X2Y3Z0)	57 (X2Y3Z1)	93 (X2Y3Z2)
22	20 (X1Y3Z0)	56 (X1Y3Z1)	92 (X1Y3Z2)
21	19 (X0Y3Z0)	55 (X0Y3Z1)	91 (X0Y3Z2)
20	18 (X5Y2Z0)	54 (X5Y2Z1)	90 (X5Y2Z2)
19	17 (X4Y2Z0)	53 (X4Y2Z1)	89 (X4Y2Z2)
18	16 (X3Y2Z0)	52 (X3Y2Z1)	88 (X3Y2Z2)
17	15 (X2Y2Z0)	51 (X2Y2Z1)	87 (X2Y2Z2)
16	14 (X1Y2Z0)	50 (X1Y2Z1)	86 (X1Y2Z2)
15	13 (X0Y2Z0)	49 (X0Y2Z1)	85 (X0Y2Z2)
14			
13	12 (X5Y1Z0)	48 (X5Y1Z1)	84 (X5Y1Z2)
12	11 (X4Y1Z0)	47 (X4Y1Z1)	83 (X4Y1Z2)
11	10 (X3Y1Z0)	46 (X3Y1Z1)	82 (X3Y1Z2)
10	09 (X2Y1Z0)	45 (X2Y1Z1)	81 (X2Y1Z2)
9	08 (X1Y1Z0)	44 (X1Y1Z1)	80 (X1Y1Z2)
8	07 (X0Y1Z0)	43 (X0Y1Z1)	79 (X0Y1Z2)
7			
6	06 (X5Y0Z0)	42 (X5Y0Z1)	78 (X5Y0Z2)
5	05 (X4Y0Z0)	41 (X4Y0Z1)	77 (X4Y0Z2)
4	04 (X3Y0Z0)	40 (X3Y0Z1)	76 (X3Y0Z2)
3	03 (X2Y0Z0)	39 (X2Y0Z1)	75 (X2Y0Z2)
2	02 (X1Y0Z0)	38 (X1Y0Z1)	74 (X1Y0Z2)
1	01 (X0Y0Z0)	37 (X0Y0Z1)	73 (X0Y0Z2)

NumaConnect 6x6x3 X- wiring (XA+XB ports)
(group of 6 nodes, duplicate wiring for every 6-node groups)

Interleaved cabling:

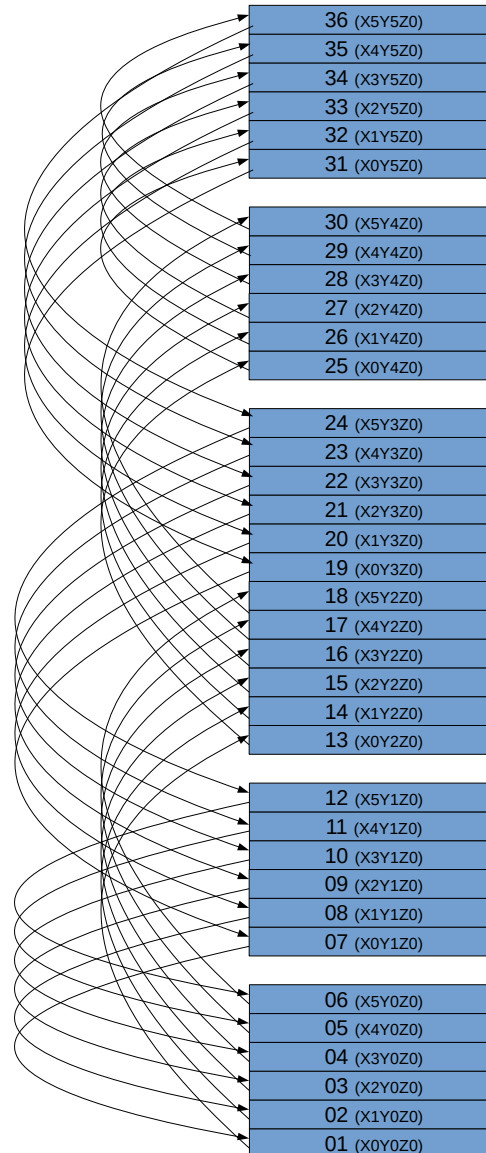
X0Y0Z0->X2Y0Z0->X4Y0Z0->X5Y0Z0->X3Y0Z0->X1Y0Z0->X0Y0Z0



NumaConnect 6x6x3 y- wiring (YA+YB ports)

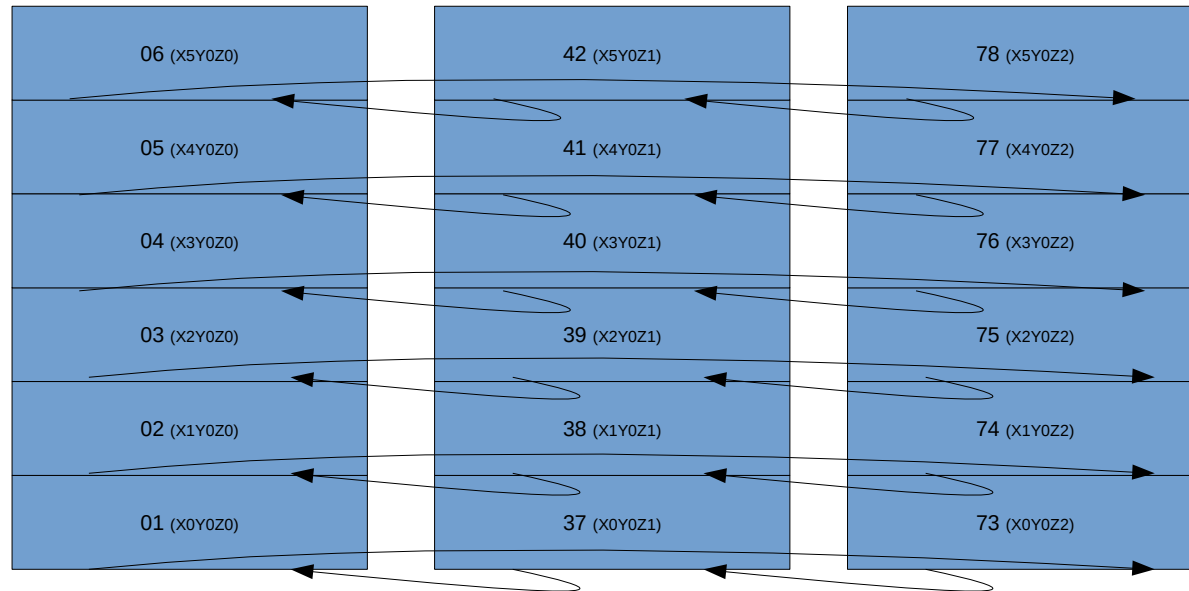
(group of 36 nodes inside each rack, duplicate wiring for every rack)

Interleaved cabling: X0Y0Z0->X0Y2Z0->X0Y4Z0->X0Y5Z0->X0Y3Z0->X0Y1Z0->X0Y0Z0



NumaConnect 6x6x3 z- wiring (ZA+ZB ports)
(group of 3 nodes, duplicate wiring for every 3-node groups)

Interleaved cabling:
X0Y0Z0->X0Y0Z2->X0Y0Z1->X0Y0Z0



NumaConnect adapter backplate axis labelling

