Lopoco Server Family Comparis

	Lopoco Server Family		
	4290	A180	E170
logical cores	8	20	28
CPU speed GHz	2.9-3.9	1.8-2.9	1.7-2.5
CPU cache MB	8	25	35
CPU cache /pcore	1	1.25	1.25
max. memory GB	64	1024	1024
Bus speed GT/s	8 DMI3	8 QPI	9.6 QPI
max ext. PCIe cards	1	2	2
inaccurate cost est., no mem	$1,900	$2,500	$3,900

Prices are LOW estimates, and don't account for riser cards, cables, build costs and other costs.
These prices ARE NOT QUOTES but are for **rough** comparisons only.

<u>1U, 4 x PCIe cards</u>

case/mobo	1	$1,036	$1,864.80	$1,865
cpu e5-2630lv4	1	$735	$1,323.00	$1,323
mem	1		$1,512.00	$1,512
40gbe pcie cards	2	$600	$1,080.00	$2,160
nvme pcie cards	2	$50	$90.00	$180
nvme ssds 512GB	4	$350	$630.00	$2,520

total	$9,560
512GB mem	$13,298

<u>2U, 6 x PCIe cards</u>

mobo X10SRL-F	1	$253	$455.40	$456
case sc213LT-600LPB	1	$364	$655.20	$656
cpu e5-2630lv4	1	$735	$1,323.00	$1,323
mem	1		$3,024.00	$3,024
40gbe pcie cards	2	$600	$1,080.00	$2,160
nvme pcie cards	4	$25	$45.00	$180

nvme ssds 512GB	4	$350	$630.00	$2,520
		total		$10,319.00

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Memory options for A180 and E170		
1TB		$32,400
512 GB		$6,600
256 GB		$3,024
128 GB		$1,512