

NVIDIA multiGPU RTX4090 Issues vs RTX6000 Ada and RTX3090

Lets see if I can create a table

Test Jobs	2 x RTX4090 (TrPro)	2 x RTX4090 (Xeon W)	2 x RTX3090 (TrPro)	2 x RTX6000 Ada (TrPro)
simpleP2P	Fail	Fail	NO P2P	YES P2P
simpleMulitGPU	Pass	Pass	Pass	Pass
conjugateGradientMultiDeviceCG	Hang	Hang	Pass	Pass
p2pBandwidthLatencyTest	54 GB/s	54 GB/s	16.5 GB/s	51.1 GB/s
TensorFlow 1.15	Hang	2131 img/s	2048 img/s	737 img/s
NAMD ApoA1	0.01457 day/ns	N/A	0.01537 day/ns	0.02322 day/ns
HPL NGC	2246 GFLOPS	2225 GLOPS	1067 GFLOPS	567 GFLOPS
PyTorch DDP	Hang	Pass	Pass	Pass
minGPT	Fail	Fail	123 sec	332 sec