

System : HPC-ProServer DPrR7920					
CPU : (2) Intel(R) Xeon(R) Silver 4110 CPU @ 2.10GHz					
Mem : Total 256GB (16) 16GB DDR4 2933MHz					
GPU : (4) NVIDIA A40					
OS : Ubuntu 20.04					
Driver : 515.65.01 / CUDA : 11.7					
NGC Docker : 22.09-tf1-py3 , Tensorflow 1.15					
Date : 2022-10					

model	Batch Size	GPUs		Speed Up Ratio	
		1	2	1gpu/1gpu	2gpu/1gpu
inception4	32	108	209	1.0	1.9
inception4	64	111	221	1.0	2.0
inception3	32	206	386	1.0	1.9
inception3	64	213	408	1.0	1.9
alexnet	32	1483	1383	1.0	0.9
alexnet	64	1789	2530	1.0	1.4
resnet50	32	279	530	1.0	1.9
resnet50	64	297	580	1.0	2.0
resnet50_v2	32	283	535	1.0	1.9
resnet50_v2	64	304	590	1.0	1.9
resnet101	32	167	320	1.0	1.9
resnet101	64	179	351	1.0	2.0
resnet101_v2	32	170	324	1.0	1.9
resnet101_v2	64	182	358	1.0	2.0
resnet152	32	117	223	1.0	1.9
resnet152	64	126	248	1.0	2.0
resnet152_v2	32	118	227	1.0	1.9
resnet152_v2	64	128	250	1.0	2.0
vgg16	32	156	243	1.0	1.6
vgg16	64	164	294	1.0	1.8
vgg19	32	132	219	1.0	1.7
vgg19	64	138	250	1.0	1.8
trivial	32	15063	9285	1.0	0.6
trivial	64	26877	17236	1.0	0.6