

System : HPC-ProServer DPeR940XA			
CPU : (4) Intel Xeon Platinum 8180 2.5GHz 28C/56T			
Mem : 768GB 2666MHz DDR4			
GPU : (2) NVIDIA Tesla V100 PCIe 32G			
OS : CentOS v7.6			
Driver : 418.39 / CUDA : 10.1			
Date : 2019-03			

model	Batch Size	GPUs	NVIDIA Docker2
Python Version			2.7.x
Tensorflow Version			1.13.0
alexnet	32	1	2562.05
alexnet	32	2	1712.18
alexnet	64	1	3042.65
alexnet	64	2	3243.62
inception3	32	1	208.46
inception3	32	2	384.65
inception3	64	1	219.8
inception3	64	2	429.21
inception4	32	1	106.01
inception4	32	2	196.7
inception4	64	1	112.14
inception4	64	2	210.19
resnet101	32	1	183.7
resnet101	32	2	345.43
resnet101	64	1	192.44
resnet101	64	2	388.81
resnet101_v2	32	1	180.03
resnet101_v2	32	2	345.17
resnet101_v2	64	1	209.39
resnet101_v2	64	2	393.54
resnet152	32	1	126.47
resnet152	32	2	234.72
resnet152	64	1	142.36
resnet152	64	2	271.59
resnet152_v2	32	1	125.41
resnet152_v2	32	2	242.6
resnet152_v2	64	1	144.58
resnet152_v2	64	2	270.87
resnet50	32	1	319.14
resnet50	32	2	598.36

resnet50	64	1	334.03
resnet50	64	2	655.13
resnet50_v2	32	1	324.45
resnet50_v2	32	2	576.35
resnet50_v2	64	1	367.35
resnet50_v2	64	2	694.02
trivial	32	1	10970.83
trivial	32	2	9930.1
trivial	64	1	20881.91
trivial	64	2	19479.08
vgg16	32	1	220.25
vgg16	32	2	328.1
vgg16	64	1	226.71
vgg16	64	2	339.58
vgg19	32	1	189.83
vgg19	32	2	317.56
vgg19	64	1	197.89
vgg19	64	2	359.34