

System : HPC-ProServer DPeR740			
CPU : (2) Intel Xeon Gold 6126 CPU 2.60GHz 12C/24T			
Mem : 96GB 2666MHz DDR4			
GPU : (2) NVIDIA GeForce RTX 2080Ti			
OS : CentOS v7.5 3.10.0-862.14.4.el7.x86_64			
Driver : 410.48 / CUDA : 9.0 / CUDNN : 7.3			
Date : 2018-12			

model	Batch Size	GPUs	pip download
Python Version			2.7.5
Tensorflow Version			1.12.0
alexnet	32	1	2114.68
alexnet	32	2	1021.58
alexnet	64	1	2768.56
alexnet	64	2	1941.22
inception3	32	1	178.26
inception3	32	2	316.24
inception3	64	1	190.86
inception3	64	2	340.94
inception4	32	1	90.09
inception4	32	2	172.21
inception4	64	1	-
inception4	64	2	-
resnet101	32	1	160.68
resnet101	32	2	300.73
resnet101	64	1	173.05
resnet101	64	2	335.56
resnet101_v2	32	1	162.34
resnet101_v2	32	2	306.06
resnet101_v2	64	1	174.77
resnet101_v2	64	2	339.46
resnet152	32	1	111.69
resnet152	32	2	209.61
resnet152	64	1	-
resnet152	64	2	-
resnet152_v2	32	1	112.75
resnet152_v2	32	2	211.92
resnet152_v2	64	1	-
resnet152_v2	64	2	-
resnet50	32	1	270.79
resnet50	32	2	513.85

resnet50	64	1	292.93
resnet50	64	2	569.87
resnet50_v2	32	1	275.35
resnet50_v2	32	2	524.11
resnet50_v2	64	1	297.79
resnet50_v2	64	2	580.63
trivial	32	1	12159.3
trivial	32	2	8873.35
trivial	64	1	22473.96
trivial	64	2	17347.81
vgg16	32	1	159.33
vgg16	32	2	218.43
vgg16	64	1	169.12
vgg16	64	2	273.78
vgg19	32	1	139.01
vgg19	32	2	197.59
vgg19	64	1	146.33
vgg19	64	2	243.42