

System : HPC-ProServer DPet640			
CPU : (2) Intel Xeon Gold 6126 CPU 2.60GHz 12C/24T			
Mem : 96GB 2666MHz DDR4			
GPU : (4) NVIDIA GeForce GTX 1080Ti			
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	1502.41
alexnet	32	2	1447.58
alexnet	32	4	1181.33
alexnet	64	1	1997.28
alexnet	64	2	2451.32
alexnet	64	4	2283.78
inception3	32	1	135.35
inception3	32	2	246.77
inception3	32	4	514.79
inception3	64	1	141.56
inception3	64	2	265.08
inception3	64	4	-
inception4	32	1	68.52
inception4	32	2	128.99
inception4	32	4	263.61
inception4	64	1	-
inception4	64	2	-
inception4	64	4	-
resnet101	32	1	123.32
resnet101	32	2	238.62
resnet101	32	4	447.32
resnet101	64	1	131.68
resnet101	64	2	260.41
resnet101	64	4	493.67
resnet101_v2	32	1	124.95
resnet101_v2	32	2	242.98
resnet101_v2	32	4	457.94
resnet101_v2	64	1	133.42
resnet101_v2	64	2	263.69
resnet101_v2	64	4	504.34
resnet152	32	1	86.81
resnet152	32	2	168.42

resnet152	32	4	290.3
resnet152	64	1	-
resnet152	64	2	-
resnet152	64	4	-
resnet152_v2	32	1	87.29
resnet152_v2	32	2	170.45
resnet152_v2	32	4	327.98
resnet152_v2	64	1	-
resnet152_v2	64	2	-
resnet152_v2	64	4	-
resnet50	32	1	202.97
resnet50	32	2	396.45
resnet50	32	4	760.44
resnet50	64	1	216.08
resnet50	64	2	425.84
resnet50	64	4	834.78
resnet50_v2	32	1	206.21
resnet50_v2	32	2	404.97
resnet50_v2	32	4	774.44
resnet50_v2	64	1	219.53
resnet50_v2	64	2	435.59
resnet50_v2	64	4	848.56
trivial	32	1	12185.6
trivial	32	2	13149.54
trivial	32	4	11425.1
trivial	64	1	21111.03
trivial	64	2	24716.33
trivial	64	4	22054.17
vgg16	32	1	132.04
vgg16	32	2	217.05
vgg16	32	4	331.17
vgg16	64	1	138.01
vgg16	64	2	246.67
vgg16	64	4	415.52
vgg19	32	1	113.94
vgg19	32	2	194.5
vgg19	32	4	302.26
vgg19	64	1	118.66
vgg19	64	2	218.14
vgg19	64	4	376.68