

System : HPC-ProServer DPrT7910			
CPU : (2) Intel Xeon E5-2680 v3 2.5GHz 12C/24T			
Mem : 64GB 2133MHz DDR4			
GPU: (1) AMD Radeon Vega Frontier Edition 16GBメモリ			
OS : Ubuntu 16.04.2 LTS kernel :4.13.0-32-generic			
Tensorflow : 1.3 docker rocm/tensorflow			
Rocm : 1.8.118			
Docker : 18.05.0-ce			
Data : ImageNet (synthetic data)			
Date : 2018-05			
model	GPUs	Batch Size	total images/sec
Inception4	1	32	29.32
Inception4	1	64	28.81
Inception3	1	32	62.53
Inception3	1	64	63.98
Alexnet	1	32	644.43
Alexnet	1	64	920.71
ResNet 152 v2	1	32	49.36
ResNet 152 v2	1	64	49.84
ResNet 50 v2	1	32	120.32
ResNet 50 v2	1	64	119.76
VGG16	1	32	66.15
VGG16	1	64	61.93
Trivial	1	32	5677.55
Trivial	1	64	10469.47