

Description: GoogleNet is deployed on Win8 64-bit operating system with an i7-7500U 2.90 GHz Intel (R) Core (TM) processor and 16GB RAM

Layer	Layer number	Layer execution time(s)	Size of output data(Mb)	Number of direct successor layers
conv1/7x7_s2	1	0.00322	6.12500	2
pool1/3x3_s2	2	0.00172	1.53125	3
norm1	3	0.00119	1.53125	4
conv2/1x1_s1	4	0.00157	1.53125	5
conv2/3x3_s1	5	0.00287	4.59375	6
norm2	6	0.00259	4.59375	7
pool2/3x3_s2	7	0.00084	1.14844	8,9,11,13
inception_conv_3a1/1x1_s1	8	0.00147	0.38281	15
inception_conv_3a2/1x1_s1	9	0.00057	0.57422	10
inception_conv_3a2/3x3_s1	10	0.00157	0.76563	15
inception_conv_3a3/1x1_s1	11	0.00096	0.09570	12
inception_conv_3a3/5x5_s1	12	0.00051	0.19141	15
inception_pool_3a4/3x3_s1	13	0.00118	1.14844	14
inception_conv_3a4/1x1_s1	14	0.00049	0.19141	15
inception_3a/DepthConcat	15	0.00132	1.53125	16,17,19,21
inception_conv_3b1/1x1_s1	16	0.00125	0.76563	23
inception_conv_3b2/1x1_s1	17	0.00079	0.76563	18
inception_conv_3b2/3x3_s1	18	0.00171	1.14844	23
inception_conv_3b3/1x1_s1	19	0.00115	0.19141	20
inception_conv_3b3/5x5_s1	20	0.00080	0.57422	23
inception_pool_3b4/3x3_s1	21	0.00208	1.53125	22
inception_conv_3b4/1x1_s1	22	0.00055	0.38281	23
inception_3b/DepthConcat	23	0.00170	2.87109	24
pool3/3x3_s2	24	0.00132	0.71777	25,26,28,30
inception_conv_4a1/1x1_s1	25	0.00068	0.28711	32
inception_conv_4a2/1x1_s1	26	0.00061	0.14355	27
inception_conv_4a2/3x3_s1	27	0.00161	0.31104	32
inception_conv_4a3/1x1_s1	28	0.00096	0.02393	29
inception_conv_4a3/5x5_s1	29	0.00054	0.07178	32
inception_pool_4a4/3x3_s1	30	0.00115	0.71777	31
inception_conv_4a4/1x1_s1	31	0.00056	0.09570	32
inception_4a/DepthConcat	32	0.00114	0.76563	33,35,37,39
inception_conv_4b1/1x1_s1	33	0.00055	0.23926	34
inception_conv_4b2/1x1_s1	34	0.00071	0.16748	40
inception_conv_4b2/3x3_s1	35	0.00086	0.33496	36
inception_conv_4b3/1x1_s1	36	0.00096	0.03589	40
inception_conv_4b3/5x5_s1	37	0.00063	0.09570	38
inception_pool_4b4/3x3_s1	38	0.00119	0.76563	39
inception_conv_4b4/1x1_s1	39	0.00051	0.09570	40
inception_4b/DepthConcat	40	0.00132	0.76563	41,42,44,46
inception_conv_4c1/1x1_s1	41	0.00051	0.19141	48
inception_conv_4c2/1x1_s1	42	0.00066	0.19141	43
inception_conv_4c2/3x3_s1	43	0.00092	0.38281	48

inception_conv_4c3/1x1_s1	44	0.00101	0.03589	45
inception_conv_4c3/5x5_s1	45	0.00063	0.09570	48
inception_pool_4c4/3x3_s1	46	0.00123	0.76563	47
inception_conv_4c4/1x1_s1	47	0.00066	0.09570	48
inception_4c/DepthConcat	48	0.00101	0.76563	49,50,52,54
inception_conv_4d1/1x1_s1	49	0.00070	0.16748	56
inception_conv_4d2/1x1_s1	50	0.00063	0.21533	51
inception_conv_4d2/3x3_s1	51	0.00172	0.43066	56
inception_conv_4d3/1x1_s1	52	0.00113	0.04785	53
inception_conv_4d3/5x5_s1	53	0.00064	0.09570	56
inception_pool_4d4/3x3_s1	54	0.00122	0.76563	55
inception_conv_4d4/1x1_s1	55	0.00071	0.09570	56
inception_4d/DepthConcat	56	0.00113	0.78955	57,58,60,62
inception_conv_4e1/1x1_s1	57	0.00056	0.38281	64
inception_conv_4e2/1x1_s1	58	0.00085	0.23926	59
inception_conv_4e2/3x3_s1	59	0.00107	0.47852	64
inception_conv_4e3/1x1_s1	60	0.00111	0.04785	61
inception_conv_4e3/5x5_s1	61	0.00068	0.19141	64
inception_pool_4e4/3x3_s1	62	0.00138	0.78955	63
inception_conv_4e4/1x1_s1	63	0.00052	0.19141	64
inception_4e/DepthConcat	64	0.00132	1.24414	65
pool4/3x3_s2	65	0.00118	0.31104	66,67,69,71
inception_conv_5a1/1x1_s1	66	0.00139	0.09570	73
inception_conv_5a2/1x1_s1	67	0.00073	0.05981	68
inception_conv_5a2/3x3_s1	68	0.00097	0.11963	73
inception_conv_5a3/1x1_s1	69	0.00118	0.01196	70
inception_conv_5a3/5x5_s1	70	0.00069	0.04785	73
inception_pool_5a4/3x3_s1	71	0.00137	0.31104	72
inception_conv_5a4/1x1_s1	72	0.00069	0.04785	73
inception_5a/DepthConcat	73	0.00045	0.31104	74,75,77,79
inception_conv_5b1/1x1_s1	74	0.00076	0.14355	81
inception_conv_5b2/1x1_s1	75	0.00078	0.07178	76
inception_conv_5b2/3x3_s1	76	0.00112	0.14355	81
inception_conv_5b3/1x1_s1	77	0.00121	0.01794	78
inception_conv_5b3/5x5_s1	78	0.00081	0.04785	81
inception_pool_5b4/3x3_s1	79	0.00140	0.31104	80
inception_conv_5b4/1x1_s1	80	0.00065	0.04785	81
inception_5b/DepthConcat	81	0.00046	0.38281	82
pool5/7x7_s1	82	0.00036	0.00781	83
fc6	83	0.00130	0.00763	-