

LAYER NAME	INPUT DATA SIZE ( $S_i^{(in)}$ ) (BYTE)	OUTPUT DATA SIZE ( $S_i^{(out)}$ ) (BYTE)	MEMORY ( $S_i^{(M)}$ ) (MB)	Computation Intensity ( $\delta_{i,d}$ )			Name of direct successor layers
				$d_1, d_2, d_3$	$d_4, d_5$	edge	
INPUT	163968	163968	0	0	0	0	CNN_1
CNN_1	163968	3497984	50	1000	1400	2400	CNN_2
CNN_2	3497984	3497984	50	1000	1400	2400	MAX_1
MAX_1	3497984	802816	3.5	10	14	24	CNN_3
CNN_3	802816	1605632	50	1000	1400	2400	CNN_4
CNN_4	1605632	1605632	50	1000	1400	2400	MAX_2
MAX_2	1605632	401408	1.6	10	14	24	CNN_5
CNN_5	401408	802816	50	1000	1400	2400	CNN_6
CNN_6	802816	802816	50	1000	1400	2400	CNN_7
CNN_7	802816	802816	50	1000	1400	2400	MAX_3
MAX_3	802816	200704	0.8	10	14	24	CNN_8
CNN_8	200704	401408	50	1000	1400	2400	CNN_9
CNN_9	401408	401408	50	1000	1400	2400	CNN_10
CNN_10	401408	401408	50	1000	1400	2400	MAX_4
MAX_4	401408	100352	0.4	10	14	24	CNN_11
CNN_11	100352	100352	50	1000	1400	2400	CNN_12
CNN_12	100352	100352	50	1000	1400	2400	CNN_13
CNN_13	100352	100352	50	1000	1400	2400	MAX_5
MAX_5	100352	25088	0.1	10	14	24	FC_1
FC_1	25088	4096	1	500	700	1200	FC_2
FC_2	4096	4096	1	500	700	1200	FC_3
FC_3	4096	1000	1	500	700	1200	OUTPUT
OUTPUT	1000	1000	0	0	0	0	