

# Portable Product Sheet - Switch Perf



Last Updated: August 25, 2005

## Catalyst Switching Performance

If the "L3?" column is red, that means that the switch only has L2 functionality. If it is green, that means that it has Layer 3 capabilities - and can switch both L2/L3 packets at the specified rate.

Platform	Switching Performance (pps)	Switch Fabric (Gbps)	L3?
1900/2800	550,000	1	Red
2900-XL	3,000,000	3.2	Red
2900-LRE	3,000,000	5	Red
2940-8 (TT,TF)	2,700,000	3.2	Red
2950-ST8-LRE	3,200,000	8.8	Red
2950-ST24-LRE	3,500,000	8.8	Red
2950 (12,24)	6,600,000	8.8	Red
2950 (48)	10,100,000	13.6	Red
2950G (12,24)	10,100,000	8.8	Red
2950G (48)	10,100,000	13.6	Red
2955-12 (C,S)	2,000,000	13.6	Red
2955-12 (T)	4,800,000	13.6	Red
2970G-24 (T)	35,700,000	24	Red
2970G-24 (TS)	38,700,000	28	Red
3500-XL	8,000,000	10.8	Red
3550-24	6,600,000	8.8	Green
3550-48	10,100,000	13.6	Green
3550-12T/G	17,000,000	24	Green
3560-24TS/PS	6,600,000	8.8	Green
3560-48TS/PS	13,100,000	17.6	Green
3560G-24TS/PS	38,700,000	32	Green
3560G-48TS/PS	38,700,000	32	Green
3750-24TS/PS	6,500,000	32	Green
3750-48TS/PS	13,100,000	32	Green
3750G-24TS/PS	38,700,000	32	Green
3750G-48TS/PS	38,700,000	32	Green
3750G-24T	35,700,000	32	Green
3750G-12S	17,800,000	32	Green
3750G-16TD	35,700,000	32	Green
2948G/2980G/4912	18,000,000	24	Red
2948G-L3	10,000,000	22	Green
2948G-GE-TX	29,760,000	20	Red
4003 w/Sup I	18,000,000	24	Red
4006 w/Sup II	18,000,000	24x3	Red
4006 w/SupIII or IV	48,000,000	64	Green

# Portable Product Sheet - Switch Perf



## Catalyst Switching Performance

Platform	Switching Performance (pps)	Switch Fabric (Gbps)	L3?
4503 w/Sup II	18,000,000	24	Red
4503 w/Sup III/IV	21,000,000	28	Green
4503 w/Sup II-Plus-TS	48,000,000	64	Green
4506 w/Sup II	18,000,000	24	Red
4506 w/Sup III/IV	48,000,000	64	Green
4X06/4503/4507-R w/Sup II+	48,000,000	64	Green
4507 w/SupIV	48,000,000	64	Green
45XX/4006 w/SupV	72,000,000	96	Green
45XX w/SupV-10GE	102,000,000	136	Green
4908G-L3(L2/L3)	11,000,000	22	Green
4948	72,000,000	96	Green
5500-SupI/II	1,000,000	1.2	Green
5500-SupIII	2,200,000	3.6	Green
600X, 65XX Sup1/1A	15,000,000	32	Red
600X, 65XX Sup1/1A-MSFC	15,000,000	32	Green
65XX/76XX Sup2	30,000,000	256	Red
65XX/76XX Sup2-MSFC	30,000,000	256	Green
65XX/76XX-w/Sup 720	400,000,000	720	Green
8510(IP/IPX/IPMC/Bridging)	6,000,000	10	Green
8540(IP/IPX/IPMC/Bridging)	24,000,000	40	Green