



Portable Product Sheets – Switching Performance

Table 1. Switch Performance Matrix

| Platform | Switch Performance (Mpps) | Switch Fabric (Gbps) | L2/L3 |
|----------------|---------------------------|----------------------|-------|
| 1900/2800 | 550,000 | 1 | L2 |
| 2900-XL | 3,000,000 | 3.2 | L2 |
| 2900-LRE | 3,000,000 | 5 | L2 |
| 2940-8 (TT,TF) | 2,700,000 | 3.2 | L2 |
| 2950-ST8-LRE | 3,200,000 | 8.8 | L2 |
| 2950-ST24-LRE | 3,500,000 | 8.8 | L2 |
| 2950 (12,24) | 6,600,000 | 8.8 | L2 |
| 2950 (48) | 10,100,000 | 13.6 | L2 |
| 2950G (12,24) | 10,100,000 | 8.8 | L2 |
| 2950G (48) | 10,100,000 | 13.6 | L2 |
| 2955-12 (C,S) | 2,000,000 | 13.6 | L2 |
| 2955-12 (T) | 4,800,000 | 13.6 | L2 |
| 2960-8 | 2,700,000 | 16 | L2 |
| 2960-24 | 6,500,000 | 32 | L2 |
| 2960-48 | 10,100,000 | 32 | L2 |
| 2960G-8 | 11,900,000 | 32 | L2 |
| 2960G-24 | 35,700,000 | 32 | L2 |
| 2960G-48 | 39,000,000 | 32 | L2 |
| 2970G-24 (T) | 35,700,000 | 24 | L2 |
| 2970G-24 (TS) | 38,700,000 | 28 | L2 |
| 3500-XL | 8,000,000 | 10.8 | L2 |
| 3550-24 | 6,600,000 | 8.8 | L3 |
| 3550-48 | 10,100,000 | 13.6 | L3 |
| 3550-12T/G | 17,000,000 | 24 | L3 |
| 3560-24TS/PS | 6,600,000 | 8.8 | L3 |
| 3560-48TS/PS | 13,100,000 | 17.6 | L3 |
| 3560G-24TS/PS | 38,700,000 | 32 | L3 |
| 3560G-48TS/PS | 38,700,000 | 32 | L3 |
| 3560E-24TD/PD | 65,500,000 | 128 | L3 |



| Platform | Switch Performance (Mpps) | Switch Fabric (Gbps) | L2/L3 |
|----------------------------|---------------------------|----------------------|-------|
| 3560E-48TD/PD | 101,200,000 | 128 | L3 |
| 3750-24TS/PS | 6,500,000 | 32 | L3 |
| 3750-48TS/PS | 13,100,000 | 32 | L3 |
| 3750G-24TS/PS | 38,700,000 | 32 | L3 |
| 3750G-48TS/PS | 38,700,000 | 32 | L3 |
| 3560E-48TD/PD | 101,200,000 | 128 | L3 |
| 3750G-24T | 35,700,000 | 32 | L3 |
| 3750G-12S | 17,800,000 | 32 | L3 |
| 3750G-16TD | 35,700,000 | 32 | L3 |
| 3750E-24TD/PD | 65,500,000 | 128 | L3 |
| 3750E-48TD/PD | 101,200,000 | 128 | L3 |
| 2948G/2980G/4912 | 18,000,000 | 24 | L2 |
| 2948G-L3 | 10,000,000 | 22 | L3 |
| 2948G-GE-TX | 29,760,000 | 20 | L2 |
| 2948G/2980G/4912 | 18,000,000 | 24 | L2 |
| 2948G-L3 | 10,000,000 | 22 | L3 |
| 2948G-GE-TX | 29,760,000 | 20 | L2 |
| 4003 w/Sup I | 18,000,000 | 24 | L2 |
| 4006 w/Sup II | 18,000,000 | 24x3 | L2 |
| 4006 w/SupIII or IV | 48,000,000 | 64 | L3 |
| 4503 w/Sup II | 18,000,000 | 24 | L2 |
| 4503 w/Sup III/IV | 21,000,000 | 28 | L3 |
| 4503 w/Sup II-Plus-TS | 48,000,000 | 64 | L3 |
| 4506 w/Sup II | 18,000,000 | 24 | L3 |
| 4506 w/Sup III/IV | 48,000,000 | 64 | L3 |
| 4X06/4503/4507-R w/Sup II+ | 48,000,000 | 64 | L3 |
| 4507 w/SupIV | 48,000,000 | 64 | L3 |
| 45XX/4006 w/SupV | 72,000,000 | 96 | L3 |
| 45XX w/SupV-10GE | 102,000,000 | 136 | L3 |
| 4908G-L3(L2/L3) | 11,000,000 | 22 | L3 |
| 4948 | 72,000,000 | 96 | L3 |
| 5500-SupI/II | 1,000,000 | 1.2 | L3 |
| 5500-SupIII | 2,200,000 | 3.6 | L3 |
| 600X, 65XX Sup1/1A | 15,000,000 | 32 | L2 |
| 600X, 65XX Sup1/1A-MSFC | 15,000,000 | 32 | L3 |



| Platform | Switch Performance (Mpps) | Switch Fabric (Gbps) | L2/L3 |
|----------------------------|--------------------------------------|---------------------------------|--------------|
| 65XX/76XX Sup32 | 15,000,000 | 32 | L3 |
| 65XX/76XX Sup2 | 30,000,000 | 256 | L2 |
| 65XX/76XX Sup2-MSFC | 30,000,000 | 256 | L3 |
| 65XX/76XX-w/Sup 720 | 400,000,000 | 720 | L3 |
| 8510(IP/IPX/IPMC/Bridging) | 6,000,000 | 10 | L3 |
| 8540(IP/IPX/IPMC/Bridging) | 24,000,000 | 40 | L3 |



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