

Portable Product Sheet - Catalyst 3500



Last Updated: February 10, 2003

Catalyst 3550 Series

Feature	3550-24	-24-FX	-48	-24-PWR	-12T	-12G
EOS	No					
Form Factor	1 RU				1.5 RU	
Switch Fabric	8.8 Gbps	8.8 Gbps	13.6 Gbps	8.8 Gbps	24 Gbps	
Forwarding Rate	6.6 Mpps	6.6 Mpps	10.1 Mpps	6.6 Mpps	17 Mpps	
10/100 Ports	24	0	48	24	0	0
100FX MT-RJ Ports	0	24	0	0	0	0
GBIC Ports	2	2	2	2	2	10
10/100/1000 Ports	0	0	0	0	10	2
Support of WS-G5482	Yes					
Support of WS-G5483	Yes					
VLAN Trunking	All ports					
EtherChannel	All ports					
VLANs	4096 128 maximum STP instances					
Voice-VLAN Capable	Yes					
Multi-VLAN Capable	No					
Max. MAC Addresses	8,000				12,000	
Max. MTU	1546 Bytes				2000 Bytes	
Multicast	IGMP Snooping/PIM(L3) (2000 group max)				IGMP Snooping/PIM(L3) (8000 group max)	
Policing	Ingress and Egress 8 per 10/100 port, 128 per 1000 port					
Egress Queues/Port	4					
QoS Granularity	8Kbps-100Mbps (10/100 ports)					
DSCP/CoS Remarking	Yes					
Layer 3	SMI License includes static routes/RIP EMI license needed for full routing				Full L3 license included	
Heat (W), Max.	65	85	110	525	190	190
Heat (BTU), Max.	222	290	375	1790	650	650
Dimensions (H/W/D)	1.75 x 17.5 x 14.4 in. (4.5 x 44.5 x 36.6 cm)	1.75 x 17.5 x 16.25 in. (4.5 x 44.5 x 41.3 cm)		See note below	2.63 x 17.5 x 15.9 in. (6.7 x 44.5 x 40.4 cm)	
Acoustic Noise	48 dBa	46 dBa	46 dBa	47 dBa	58 dBa	58 dBa
MTBF (Hours)	~193,000	186,000	163,000	166,356	113,658	110,332
Operating Temperature	32 to 113°F (0 to 45°C)					
Storage Temperature	-13 to 158°F (-25 to 70°C)					
Relative Humidity	10 to 85% (noncondensing)					
Weight	11 lb (5 kg)	10.5 lb (4.8 kg)	13 lb (5.9 kg)	14lb (6.4kg)	16 lb (7.26 kg)	
RPS Used	RPS-300 or 675			RPS-675	RPS-300 or 675	

Notes - 3550 Series

3550-PWR is an extra 3 in. (7.8cm) deeper than the 3550-24. Also, heat is measured with 24 IP phones.

Portable Product Sheet - Catalyst 3500



Catalyst 3500 XL Series

Feature	3508G	3512	3524-PWR	3524	3548
EOS	No	27-Jul-02	12-Aug-03	27-Jul-02	27-Jul-02
Form Factor	1 RU				
Switch Fabric	10.8 Gbps				
Forwarding Rate	8 Mpps				
10/100 Ports	0	12	24	24	48
GBIC Ports	8	2	2	2	2
Support of WS-G5482	Yes				
Support of WS-G5483	Yes				
VLAN Trunking	All ports				
EtherChannel	All ports				
VLANs	250 (64 maximum STP instances)				
Voice-VLAN Capable	Yes				
Multi-VLAN Capable	All ports				
Max. MAC Addresses	8,000				
Max. MTU	2,018				
Multicast	CGMP Only				
Ingress Policing	None				
Egress Queues/Port	2 (10/100), 8 (GBIC)				
QoS Granularity	N/A				
DSCP/CoS Remarking	No				
Layer 3	No				
Heat (W), Max.	82.2	50	75	325	100
Heat (BTU), Max.	280	171	256	1100	600
Dimensions (H/W/D)	1.75 x 17.5 x 16 in. (4.5 x 44.5 x 40.5 cm)	1.75 x 17.5 x 11.82 in. (4.5 x 44.5 x 30.0 cm)		1.73 x 17.5 x 15.3 in. (4.4 x 44.5 x 39 cm)	
Operating Temperature	32 to 113°F (0 to 45°C)				
Storage Temperature	-4 to 149°F (-10 to 65°C)				
Relative Humidity	10 to 85% (noncondensing)				
Weight	12 lb (5.45 kg)	10.25 lb (4.65 kg)	8.5 lb (3.86 kg)	10.25 lb (4.65 kg)	12 lb (5.45 kg)
RPS Used	RPS-600		RPS-300	RPS-600	

Notes - 3500 XL Series

3524-PWR's listed heat/power consumption numbers are for 24 IP phones attached.