

	PLANET	3COM	D-Link	Allied Telesis	ZyXEL	HP
Model name	XGS3-42000R	7754	DES-7206	AT-SB4004	MS-7206	Procurve 4204vl (J8770A)
<b>Hardware</b>						
Total Number of Slots	4	4	6	6	6	4
Max. Management module	2	1	2	2	2	1
Max. Standard module (Line Card)	3	3	4	4	4	3
Management module Redundancy	■	--	■	■	■	--
Number of Power Supply Bay	2	2	2	2	2	2
Switch Capacity	320Gbps	120Gbps	192Gbps	96Gbps	384Gbps	-
Max. 10G Ports	13	3 (XENPAK)	16	3 (XFP)	-	4
Max. 10/100/1000 Ports	188	148	96	96	192	96
Max. 1000 SFP Slots	156	64	96	96	?	16
Redundant Power	2 x AC	2 X AC	2 x AC or 2 x DC	2 x AC or 2 x DC	2 x AC	1 AC
IPv6 Routing	■	--	■	■	?	--
<b>IPv4 Routing</b>						
Routing Interface	VLAN Routing	???	VLAN Routing	VLAN Routing	VLAN Routing	VLAN Routing
IP Routing	Static Route	■	■	■	■	■
	RIP v1 / v2	■	■	■	■	-
	OSPFv2	■	■	■	■	-
	BGP4	■	■	■	■	-
Multicast Routing	IGMP	V1, V2, V3	V1, V2	V1, V2	V1, V2, V3	-
	DVMRP	■	N / A	N / A	■	-
	PIM-DM	■	■	■	■	-
	PIM-SM	■	■	■	■	-
	PIM-SSM	■	-	-	-	-
<b>Policy-Based Routing</b>						
VRRP	■	■	■	■	■	-
CIDR (Classless Inter-Domain Routing)	■	■	■	■	■	-
MRPP (Multi-layer Ring Protection Protocol)	■	-	-	-	-	-
IRDP (ICMP Router Discovery Messages)	-	-	■	-	-	-
<b>IPv6 Features</b>						
RIPng	■	N / A	■	N / A	N / A	-
OSPFv3	■	N / A	-	N / A	N / A	-
MBGP4+	■	N / A	-	N / A	N / A	-
IPv6 Tunnel (6 to 4 Tunnels)	■	N / A	■	N / A	N / A	-
ND (Neighbor Discovery)	■	N / A	■	N / A	N / A	-
ND Snooping	■	N / A	-	N / A	-	-
VRRPv3	■	N / A	-	N / A	N / A	-
ISATAP (Intra-Site Automatic Tunnel Addressing Protocol)	■	N / A	-	-	-	-
<b>Layer 2 Features</b>						
<b>Bandwidth Control</b>						
Link Aggregation	Static	128 Trunks / 8 Ports	■	■	5 Trunks / 8 Ports	60 Trunks / 8 Ports
	LACP	128 Trunks / 8 Ports	■	■	32 Trunks / 16 Ports	60 Trunks / 8 Ports
VLAN	802.1Q	■	■	■	■	■
	Portocol-Based	■	■	■	■	■
	Q-in-Q	■	N / A	■	N / A	-
	GVRP	■	■	■	■	■
	Private VLAN	■	N / A	■	-	-
Spanning Tree	802.1d/1w/1s	802.1d/1w/1s	802.1d/1w/1s	802.1d/1w	802.1d/1w/1s	802.1d/1w/1s
STP BPDU Guard	■	■	■	■	■	■
BPDU Filtering	■	N / A	-	-	-	-
<b>Multicast</b>						
IGMP Snooping	V1, V2, V3	V1, V2	V1, V2	V1, V2	V1, V2, V3	V1, V2, V3
IGMP Query mode	■	■	-	N / A	■	■
IGMP Filtering	■	■	-	-	■	-
MLDv1/v2 (Multicast Listener Discovery)	■	■	■	■	MLD	-
MLD v1/v2 Snooping	■	■	■	■	-	-
MVR (Multicast VLAN Registration)	■	-	-	-	-	-
MSDP (Multicast Source Descivery Protocol)	■	N / A	-	-	-	-
<b>QoS</b>						
QoS	L2 802.1p	■ / 8 queue	■ / 8 queue	■ / ? queue	■ / 8 queue	■ / ? queue
	L3 IP TOS / DSCP	■	■	■	■	■
	L4 TCP/UDP Port	■	■	■	■	■
Policy-Based DiffServ	■	■	■	■	N / A	■
<b>Security</b>						
Authentication	802.1X Port Based	■	■	■	■	■
ACL	MAC Based	■	N / A	-	■	■
Time-Based ACL	L2 / L3 / L4	■	L2 / L3 / L4	-	L2 / L3 / L4	N / A
Port Security	■	■	■	■	■	■
IP / MAC Security	MAC Filter / IP-MAC Port Binding	MAC Filtering / MAC Binding / Static MAC	N / A	IP-MAC Port Binding	MAC Filtering / MAC Binding / Static MAC	MAC Filtering / MAC Binding / Static MAC
SSH / SSL	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■
RADIUS	■	■	■	■	■	■
TACACS+	■	■	■	■	N / A	■
DHCP Snooping	■	-	■	-	-	-
IP Source Guard	■	-	-	-	-	-
ARP Inspection	■	-	-	-	-	-
DoS Protection	■	-	-	-	-	-
<b>Management</b>						
Management & Configuration	WEB, Telnet, Console	WEB, Telnet, Console	WEB, Telnet, Console	WEB, Telnet, Console	WEB, Telnet, Console	WEB, Telnet, Console
Stacking	IP Stacking, up to 36 units	-	Up to 9 units	-	iStacking	Virtual Stack of up to 16 units
IPv6 Management	■	N / A	■	-	■	■
SNMP	V1, V2c	■	■	■	■	■
	V3	■	■	■	■	■
	Trap	■	■	■	■	■
	RMON	4 Groups	4 Groups	4 Groups	4 Groups	4 Groups
Log	Logs, Syslog	Logs, Syslog	Logs, Syslog	System Log	Syslog	System Log, Syslog
DHCP Relay	■	■	■	■	■	-
DHCP Option 82	■	■	■	■	■	-
DHCP Server	IPv6 / IPv4	N / A	N / A	-	-	-
sFlow	■	-	-	-	-	-
Other Management	SNTP, LLDP	NTP	SNTP	-	SNTP	LLDP
<b>Physical</b>						
AC Power	Internal 100~240V AC	Internal 100~240V AC	Internal 100~240V AC	Internal 100~240V AC	External 100~240V AC	Internal 100~240V AC
DC Power	N / A	N / A	48V DC (40~60V DC)	-	-	-
Note						