





Layer3 24-Port Gigabit / 10G Managed Switches Comparison Chart			
		PLANET	PLANET
Model name		XGS3-24042	XGS3-24040
			
Feature		Multi-Layer Switch	Multi-Layer Switch
Performance			
Switch Fabric		128Gbps	128Gbps
MAC Address Table		16K	8K
Jumbo Frame		9K Bytes	9K Bytes
VLAN Table		4K	4K
ACL Table		3K	1K
L3 Interface		1000	500
Interface			
10/100/1000Base-T		24	24
1000SX/LX SFP Slots		4 (Combo)	4 (Combo)
10GbE Interface		2 Optional 2SFP+ module slots (Per module has 2 SFP+ slots)	2 Optional XFP module slots 2 10G Stacking Slots
Console		RJ-45 / RS-232	RJ-45 type RS-232
IPv4 Routing			
Routing Interface		VLAN Routing	VLAN Routing
IP Routing	Static Route	■	■
	RIP v1 / v2	■	■
	OSPFv2	■	■
	BGP4	■	■
Multicast Routing	IGMP	V1, V2, V3	V1, V2, V3
	DVMRP	■	■
	PIM-DM	■	■
	PIM-SM	■	■
	PIM-SSM	■	■
Policy-Based Routing		■	■
VRRP		■	■
VRF (VPN Routing and Forwarding)		■	-
CIDR (Classless Inter-Domain Routing)		■	■
MRPP (Multi-layer Ring Protection Protocol)		■	■
IPv6 Features			
RIPng		■	■
OSPFv3		■	■
MBGP4+		■	■
IPv6 Tunnel (6 to 4 Tunnels)		■	■
ND (Neighbor Discovery)		■	■
ND Snooping		■	■
VRRPv3		■	■
ISATAP (Intra-Site Automatic Tunnel Addressing Protocol)		■	■
Layer 2 Features			
Bandwidth Control		In / Out	In / Out
Link Aggregation	Static	8 Trunks / 8 Ports	8 Trunks / 8 Ports
	LACP	128 Trunks / 8 Ports	8 Trunks / 8 Ports
VLAN	802.1Q	■	■
	Portocol-Based	■	■
	Q-in-Q	■	■
	GVRP	■	■
	Private VLAN	■	■
	Voice VLAN	■	■
Spanning Tree		802.1d/1w/1s	802.1d/1w/1s
STP BPDU Guard		■	■
BPDU Filtering		■	■
Multicast			
IGMP Snooping		V1, V2, V3	V1, V2, V3
IGMP Query mode		■	■

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IGMP Filtering	■	■	
MLDV1/v2 (Multicast Listener Discovery)	■	■	
MLD v1/v2 Snooping	■	■	
MVR (Multicast VLAN Registration)	■	■	
MSDP (Multicast Source Discovery Protocol)	■	■	
QoS			
QoS	L2 802.1p	■ / 8 queue	■ / 8 queue
	L3 IP TOS / DSCP	■	■
	L4 TCP/UDP Port	■	■
	Strict / WRR	■ / ■	■ / ■
Policy-Based DiffServ	■	■	
Auto VoIP		■	
Security			
Authentication	802.1X Port Based	■	■
	MAC Based	■	■
ACL	L2 / L3 / L4	L2 / L3 / L4	
Time-Based ACL	■	■	
Port Security	■	■	
IP / MAC Security	MAC Filter / IP-MAC Port Binding	MAC Filter / IP-MAC Port Binding	
SSH / SSL	■ / ■	■ / ■	
RADIUS	■	■	
TACACS+	■	■	
DHCP Snooping	■	■	
IP Source Guard	■	■	
ARP Inspection	■	■	
DoS Protection	■	■	
Management			
Management & Configuration	WEB, Telnet, Console	WEB, Telnet, Console	
Stacking	IP Stacking, up to 24 units	IP Stacking, up to 36 units	
IPv6 Management	■	■	
SNMP	V1, V2c	■	■
	V3	■	■
	Trap	■	■
	RMON	4 Groups	4 Groups
Log	Logs, Syslog	Logs, Syslog	
DHCP Relay	■	■	
DHCP Option 82	■	■	
DHCP Server	IPv6 / IPv4	IPv6 / IPv4	
sFlow	■	■	
Other Management	SNTP, LLDP, LLDP-MED	SNTP, LLDP	
Physical			
AC Power	Internal 100~240V AC	Internal 100~240V AC	
DC Power	-48V DC	12V DC	
Dimension (W x D x H)	415 x 325 x 44.5mm, 1U height	440 x 415 x 44.5 mm, 1U height	
Weight	4.3Kg	5.8Kg	
Note			