




Brand	PLANET	Moxa	Korenix
Model Name	IGS-10080MFT	EDS-G509-T	Jetnet 6059G-W
Outlook			
Level	Managed	Managed	Managed
Hardware Specification			
10/100/1000Base-T Ports	2	9	9
1000S/LX SFP Slots	8	5 (Combo)	5 (Combo)
100FX SFP Slots	Compatible	Compatible	Compatible
Enclosure	IP30 Aluminum	IP30 Aluminum	IP31 Aluminum
Dimension (W x D x H)	152 x 107x 72 mm	135 x 107x 87.1 mm	160 x 136 x 95 mm
Power Requirement	12-48V DC or 24V AC, Redundant dual input	12/24/48V DC Redundant dual input	10.5 ~ 60V DC Redundant dual input
Installation	DIN Rail Kit and Wall Mount kit	DIN Rail Kit and Wall Mount kit	DIN Rail Kit and Wall Mount kit
ESD / EFT Protection	6KV DC / 6KV DC	6KV DC / 6KV DC	1.5KV AC
Operating Temperature	-40~75 Degree C	-40~75 Degree C	-40~75 Degree C
Switch Specification			
Switch Fabric	20Gbps	18Gbps	18Gbps
Throughput (Packet per second)	14.8Mpps@64Bytes	13.3Mpps	13.3Mpps
Jumbo Frame	9Kbytes	-	-
MAC Table Size	8K	8K	8K
Layer 2 Features			
Storm Control	Multicast / Unknown-Unicast / Broadcast	Multicast / Unknown-Unicast / Broadcast	Multicast / Unknown-Unicast / Broadcast
VLAN	802.1Q	■ / 255	■ / 64
	Q-in-Q	■	■
	Private VLAN	■	-
	Portocol-Based	■	-
	MAC-Based	■	-
	Voice VLAN	■	-
	MVR	■	-
Spanning Tree	802.1D/1w/1s	802.1w	802.1w/1s
STP BPDU Guard	■	-	-
BPDU Filtering	■	-	-
Loop Detection	■	-	-
Link Aggregation	Static	5 Trunks / 10 Ports	4 Trunks / 4 Ports
	LACP	5 Trunks / 10 Ports	4 Trunks / 4 Ports
Multicast			
IGMP Snooping	V1, V2, V3	V1, V2	V1, V2, V3
IGMP Query mode	■	■	■
IGMP Filtering	■	-	■
MLD Snooping	■	-	-
MLD Filtering	■	-	-
Max. Multicast Groups	256	256	256
MVR	■	-	-
QoS			
QoS	L2 802.1p	■ / 8 queue	■ / 8 queue
	L3 IP TOS / DSCP	■	■
	L4 TCP/UDP Port	■	-
	Strict / WRR	■ / ■	■
	DSCP Remarking	■	■
Policy-Based DiffServ	■	■	■
Security			
Authentication	802.1X Port Based	■	■
	MAC Based	■	-
ACL	L2 / L3 / L4	L2 / L3 / L4	-
Port Security	■	■	■
IP / MAC Security	Static MAC / Binding	-	-
SSH / SSL	■ / ■	■ / ■	■ / ■
RADIUS	■	■	■
TACACS+	■	■	-
DHCP Snooping	■	-	-
IP Source Guard	■	-	-
ARP Inspection	■	-	-
DoS Protection	■	-	-
Management			
Management & Configuration	WEB, Telnet, SNMP	WEB, Telnet, SNMP	WEB, Telnet, SNMP
IPv6 Management	■	■	-
SNMP	V1, V2c	■	■
	V3	■	■
	Trap	■	■
	RMON	4 Groups	■
Log	System log / Remote Syslog	Event log / Syslog	System log / Remote Syslog
DHCP Relay / DHCP Option	■ / ■	- / ■	- / ■
Other Management	NTP, LLDP	NTP, LLDP	NTP, LLDP
Cable Diagnostic	■	-	-
Power Saving	Link down detect	■	-
	Length detect	■	-