



I2 Switch Series



Supports Maximum
24 GE Ports and 4GE
SFP+ Uplink Ports



Advanced Hardware
Architecture and
Industry-leading Port
Density



Carrier-Level High
Reliability
Full Layer-3 Functions



Varied Service
Characteristics
Versatile IPv6 Solution
Complete Security
Mechanism

WD-GS-3710, WD-GS-3712, WD-GS-3728 Series is a new-generation intelligent gigabit access switch designed for carrier's IP MAN and enterprise networks. Based on the new-generation highperformance hardware, it supports functions such as ACL, QinQ and QoS. Its simple management mode and flexible installation can meet the requirement of any complicated scenarios.

PRODUCT SPECIFICATIONS?



ITEM	WD-GS-3710	WD-GS-3712	WD-GS-3728	
INTERFACE	8 GE TX PORTS, 2 100/1000M SFP PORTS	8GE TX PORTS 4 GE SFP PORTS	24 GE TX PORTS, 4 100/1000M SFP PORTS	
CONSOLE	1 RJ45 PORT, 1 RST BUTTON	1 RJ45 PORT	1 RJ45 PORT, 1 RST BUTTON	
BACKPLANE	20 GBPS	24 GBPS	56 GBPS	
FORWARDING RATE	15 MBPS	18 MBPS	42 MBPS	
CHASSIS	DIMENSIONS (WXDXH MM)	280X180X44	280X180X44	
	WEIGHT(KG)(EMPTY)	1.55	1.56	2
PACKAGE	DIMENSIONS (WXDXH MM)	346X289X92	346X289X92	555X295X88
	WEIGHT(KG)(EMPTY)	2.55	2.55	3
POWER CONSUMPTION	NO-LOAD	<3W	<12W	<7W
	FULL LOAD	10W	35W	20W
POE POWER BUDGET	/	/	/	
FAN NUMBER	/	/	/	
NOISE@25°C(DBA)	0	0	0	
MTBF(H)	<50,000	<50,000	<50,000	
FORWARDING MODE	STORE-FORWARD	STORE-FORWARD	STORE-FORWARD	
FLASH(MB)	16	32	16	
DRAM(MB)	128	256	128	
MAC	8K	16K	8K	
BUFFER SIZE(MB)	4.5	1.5	4.1	
JUMBO FRAME	9K	9K	9K	
TOTAL SVI	10	10	10	



PRODUCT FEATURES

VLAN

- 4K Active VLAN
- QinQ & Selective QinQ
- GVRP, PRIVATE VLAN
- Voice-VLAN

Spanning Tree

- 802.1D (STP)
- 802.1W (RSTP) and 802.1S (MSTP)
- BPDU guard, root guard and loopback guard

Multicast

- IGMP v1/2/3
- IGMP Snooping
- IGMP Fast Leave
- IGMP Filter
- MVR

IP

- Static route
- RIP, OSPF
- 512 routing table
- IP v4/v6 dual stack
- DHCP Server/Client/Relay

QoS

- CAR, HQoS, MAC/IP/TCP/UDP/VLAN/COS/DSCP/TOS based
- QoS,802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR",
- Tail-Drop, WRED, flow monitoring and traffic shaping

Security

- Port isolation, Port security, and "IP+MAC+port" binding, MAC Sticky, DHCP Snooping and option 82, DAI & IP Source guard, PPPoE+,
- IEEE 802.1x, Radius and Tacacs+
- L2/L3/L4 ACL flow identification and filtration Anti-attack from DDoS, TCP's SYN Flood, UDP Floo, etc.
- Broadcast/multicast/unknown unicast/bstom-control
- Md5, SHA-256, RSA-1024, AES256, etc.

Reliability

- Static/LACP link aggregation, Interface backup
- EAPS and ERPS
- ISSU

Management

- Console, Telnet, SSH v1/2, HTTP, HTTPS, SNMP v1/v2/v3, RMON
- TFTP, FTP, SFTP
- NTP
- ZTP(Zero Touch Provisioning)
- SPAN, RSPAN

Accessories

- Power cord, rackmount kit, console cable, anti-slipping pad

Enviornment

- Operating temperature/ humidity: 0°C -50°C, 10%-90% non-condensing
- Storage temperature/humidity: -20°C-70°C, 5%-95% noncondensing

Certification

- CE, FCC, ROHS

ORDERING INFORMATION

Item	Description
L3-lite series switch	
WD-GS-3710	Ethernet Switch with 8GE TX PORTS and 2GE SFP PORTS(1 Console Port, *GE TX PORTS, 2 100/1000M SFP PORTS, 1 Standard AC 220V Power Supply, Fanless, 1U, Desktop Installation)
WD-GS-3712	L3-LITE Ethernet Switch With 32 GE TX PORTS and 4GE SFP PORTS (1 Console PORT, 8GE TX PORTS, 4GE SFP PORTS, Standard AC 220V Power supply, fanless Design, 1U,19-INCH RACK-MOUNTED INSTALLATION)
WD-GS-3728	Ethernet Switch with 24 GE TX ports and 4 GE SFP ports (1 Console Port, 24 GE TX Ports,4 100/1000M SFP PORTS, 1 Standard AC220V power Supply, Fanless, 1U, 19-INCH RACK-MOUNTED INSTALLATION)

OPTICAL MODULES



100M Optical Modules

FSFP-SX-1310	100M SFP multi-mode (2km, 1310nm, LC, DDM)
FSFP-LX-15	100M SFP single-mode (15km, 1310nm, LC, DDM)
FSFP-LX-40	100M SFP single-mode (40km, 1310nm, LC, DDM)
FSFP-ZX-80	100M SFP single-mode (80km, 1550nm, LC, DDM)
FSFP-LX-SM1310-20	100M SFP single-mode, single fiber (20km, TX1310/RX1550, LC, DDM)
FSFP-LX-SM1550-20	100M SFP single-mode, single fiber (20km, TX1550/RX1310, LC, DDM)
FSFP-LX-SM1310-40	100M SFP single-mode, single fiber (40km, TX1310/RX1550, LC, DDM)
FSFP-LX-SM1550-40	100M SFP single-mode, single fiber (40km, TX1550/RX1310, LC, DDM)
FSFP-LX-SM1310-80	100M SFP single-mode, single fiber (80km, TX1310/RX1550, LC, DDM)
FSFP-LX-SM1550-80	100M SFP single-mode, single fiber (80km, TX1550/RX1310, LC, DDM)

GE Optical Modules

GSFP-TX-B	GE SFP-to-RJ45 module
GSFP-SX-D	GE SFP multi-mode (500m, 850nm, LC, DDM)
GSFP-LX-10-D	GE SFP single-mode (10Km, 1310nm, LC, DDM)
GSFP-LX-20-D	GE SFP single-mode (40Km, 1310nm, LC, DDM)
GSFP-LX-40-D	GE SFP single-mode (40Km, 1310nm, LC, DDM)
GSFP-ZX-80-D	GE SFP single-mode (80Km, 1550nm, LC, DDM)
GSFP-ZX-120-D	GE SFP single-mode (120Km, 1550nm, LC, DDM)
GSFP-LX-SM1310-10	GE SFP single-mode, single fiber (10Km, TX1310/RX1550, LC, DDM)
GSFP-LX-SM1550-10	GE SFP single-mode, single fiber (10Km, TX1550/RX1310, LC, DDM)
GSFP-LX-SM1310-20	GE SFP single-mode, single fiber (20Km, TX1310/RX1550, LC, DDM)
GSFP-LX-SM1550-20	GE SFP single-mode, single fiber (20Km, TX1550/RX1310, LC, DDM)
GSFP-LX-SM1310-40	GE SFP single-mode, single fiber (40Km, TX1310/RX1550, LC, DDM)
GSFP-LX-SM1550-40	GE SFP single-mode, single fiber (40Km, TX1550/RX1310, LC, DDM)
GSFP-LX-SM1490-80	GE SFP single-mode, single fiber (80Km, TX1490/RX1550, LC, DDM)
GSFP-LX-SM1550-80	GE SFP single-mode, single fiber (80Km, TX1550/RX1490, LC, DDM)
GSFP-LX-SM1490-120	GE SFP single-mode, single fiber (120Km, TX1490/RX1550, LC, DDM)
GSFP-LX-SM1550-120	GE SFP single-mode, single fiber (120Km, TX1550/RX1490, LC, DDM)