



eWit 10GE L3 Ethernet Switch

Key Features:

- Supports 16 SFP Ports + 8 Combo Ports & 4 10GE SFP+ Ports
- Versatile IPv6 Solution
- Supports VSS stacking
- Standard 19-inch rack-mount
- Supports EAPS & ERPS ring technology



Introduction:

The EWIT EW-24PMPOE10GSF is a next-generation 10GE aggregation switch designed for medium to large-scale networks, including government institutions, enterprises, internet cafes, and diskless workstation environments. Built on high-performance hardware and a robust software platform, it offers advanced features such as powerful ACLs, flexible QinQ, 1:1 or N:1 VLAN switching, Ethernet OAM, QoS, and industry-grade 10GE Ether-ring support, ensuring reliable operation in complex environments. Additionally, it supports Layer-3 routing protocols for enhanced network performance and scalability.

Technical Specifications:

Model	EW-24PMPOE10GSF
Interface	16 SFP Ports + 8 Combo Ports & 4 10G SFP+ ports, Console 1 RJ45 port
128Gbps	128Gbps
Forwarding rate (Mpps with 64 bytes)	96Mpps
Flash	(MB) 16
DRAM (MB)	(MB) 256
Jumbo frame	9K
MAC	16K
Buffer size (MB)	1.5
Interface VLAN	64
Routing table	512
Chassis - Dimensions (WxDxH)(mm)	440x280x44
Chassis - weight (kg) (empty)	4
Package Dimensions (WxDxH)(mm)	575x448x94
Package - weight (kg)	5.2
Power consumption (no load)	< 18W
Power consumption (Full load)	< 38W
Power supply	DUAL AC 100-240V
Fan	2
Total output BTU (1000BTU/H=293W)	153.58
Noise@25°C (dBA)	45
MTBF(H)	>200,000
VLAN	4K Active VLAN
	QinQ & Selective QinQ

	GVRP
	Private VLAN
	Voice-VLAN
Spanning Tree	IGMP v1/v2/v3, IGMP Snooping, IGMP Fast Leave
	MVR, IGMP filter
IP	Static route
	RIP, OSPF, IPv4 Dual stack
IPv6	ICMPv6, DHCPv6, ACLv6
	IPv6 Telnet
	IPv6 neighbor discovery
	Path MTU discovery
	MLD V1/V2, MLD snooping
	IPv6 Static Routing
	RIPng, OSPFv3
	Manual tunnel
	ISATAP tunnel 6 to 4 tunnel
QoS	Port isolation
	Port security and IP+MAC+port binding
	MAC sticky
	DAI & IP source guard (IPv4)
	IEEE 802.1x, AAA Radius and TACACS+
	L2/L3/L4 ACL flow identification and filtration
	Anti-attack from DDoS
	TCP's SYN Flood, UDP Flood, etc.
	Broadcast/multicast/unknown unicast storm-control
DHCP	MD5, SHA-256, RSA-1024, AES256, etc
	DHCP server/relay/client
Reliability	DHCP snooping/option82
	Static/LACP link aggregation, Interface backup
	EAPS and ERPS
	ISSU Uninterrupted system upgrade
	Upto 4 Units per stack
	VRRP
Management	UDLD
	Console, Telnet, SSH v1/2, HTTP, HTTPS, SNMP v1/v2/v3, RMON
	TFTP, FTP, SFTP
	NTP, ZTP, SPAN, RSPAN
	Dying gasp
Accessories	Power cord
	Rack mounting kits
	Console cable
Environment	Operating temperature: 0°C -50°C
	Operating humidity: 10%-90% non-condensing
	Storage temperature: -20°C to -70°C
	Storage humidity: 5%-95% non-condensing

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