

RB-4804M-PSE

L3 Managed PoE++ Switch 48x 1G + 4x 1G SFP ports



Product Overview

The RB-4804M-PSE is a Layer 3 managed Ethernet switch. It supports 48x 10/100/1000M adaptive RJ45 ports, 4x 1Gb SFP ports and has an RJ45 console port.

Switch embeds a security control strategy with CPU protection, improving fault tolerance and assuring uninterrupted network traffic and load balancing of data flow. Unit supports DoS attack defense and SNMP, IEEE 802.1, STP, RSTP, Link aggregation, and other modern network functions. With advanced security functions and quality of service (QoS), it can be used as core layer, distribution layer, or access layer switch with high density port and easy management, being an ideal choice for various business network applications.

Applications

Metro Optical Broadband Networks
Private Broadband Networks
Multimedia/ Streaming Networks
Real-time Monitoring

Specification Parameters

Product Name	L3 Managed 48-Port Ethernet Switch with 10Gb Uplink
Network Ports	48x1000M/100M/10M RJ45 port 4x1Gbps SFP optical port
PoE Ports	1-4 ports support IEEE802.3af/at/bt, MAX 90W/port 5-48 ports support IEEE802.3af/at, MAX 30W/port
PoE Power Polarity	802.3af/at/bt: + on 1,2,4 and 5; - on 3,6,7 and 8 802.3af/at: + on 1 and 2; - on 3 and 6
Total PoE Power	max. 600W
Management Port	1x console port (RJ45)
Reset key	1
CPU	MIPS-34Kc dual-core 1GHz
DDR	4G DDR3

RAM	512MBytes
FLASH	512MBytes
Bandwidth	256Gbps
Packet Forwarding	160.7Mpps
MAC Address	32K
Cache	16M
Jumbo Frame	Supports up to 12KB
VLAN Address	4K
Link Aggregation	Supports 128 trunk groups with up to 8 members per group
L3 Routing	IPV4 supports 12K; IPV6 supports 12K;
QoS Queuing	8
Transmission Distance	10BASE-T: Cat3,4,5 UTP(≤250m) 100BASE-T: Cat5 or later UTP(≤150m) 1000BASE-T: Cat6 or later UTP(≤150m)
LED Indicator	PWR: Power LED SYS: System LED 1-48: 10/100/1000M Link LED 49-52: 1Gb optical port link LED
Power Supply	Built-in power supply AC: 100-240Vac 50-60Hz 7.5A MAX 625W
Use environment	Operating temperature: -10 to 55 Celsius Storage temperature: -40 to 75 Celsius Operating humidity: 5%~90% non-condensing Storage humidity: 5%~95% non-condensing
Product Size Packing Size (LxWxH)	Product size: 440mmx360mmx45mm Package size: 553mmx403mmx93mm
N.W/G.W (kg)	5.6kg/6.4kg
Surge Protection Level and casing rating	6KV 8/20us; IP30
Installation	Desktop or 19" Rack mountable (brackets included)

Ordering Information

Model No.	Description
RB-4804M-PSE	L3 Managed 48-Port PoE Switch, 48x1000M RJ45, 4x1G SFP, 600W PoE budget, includes 4 high power 802.3bt(90w) capable ports, AC 90-240V input