

BC2304B44PGM4F-1600W

Managed Ethernet Switch with
44x10/100/1000Base-TX PoE ports,
4 port High PoE++, 4x1000M SFP ports



Ideal for:



Telecom



Hotels & Resorts



Universities



Healthcare



Public Places



Airport



Transport



Industries

OVERVIEW

BC2304B44PGM4F-1600W is 48-Port Managed PoE+ Switch is equipped with 48x 10/100/1000BASE-T ports, 4x 1Gb SFP uplinks, 48x RJ45 ports support both IEEE 802.3af PoE and IEEE 802.3at PoE+ (up to 30W per port) for powering attached IP phones, wireless access points, or other standards-compliant PoE and PoE+ end network devices. 4x SFP uplink ports are provided to support connections to higher layer devices.

SPECIFICATIONS

Model No.	BC2304B44PGM4F-1600W
Interface	48x10/100/1000Base-TX PoE ports, 4x1000M SFP ports
PoE Ports	1-4 port supports IEEE802.3af/at/poe++/bt, max 90W PoE out 5-48 port supports IEEE802.3af/at, max 30W/port, PoE out
Console port	1*console port
Reset Key	1
PoE Pin	Af/at/bt: 12+ 45+; 36- 78- Af/at: 12+ 36-
PoE Bridge	max 1600W

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CPU	MIPS-34Kc 700MHz
DDR	2G DDR3
FLASH	256MBytes
RAM	256MBytes
Bandwidth	104G/256Gbps
Packet Forwarding	77.38Mpps
MAC	16K
Buffer	12Mbit SRAM Packet Buffer
Jumbo Frame	12000Bytes
VLAN Address	4K
Transmission Distance	10BASE-T: Cat3,4,5 UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) 1000BASE-TX: Cat6 or later UTP(150 meter) SFP: 1000M single and multimode optical module with maximum distance ≤ 120km (depending on the optical module)
LED Indicator	PWR: Power LED SYS: System LED 1-48: 10/100/1000M Network connection indicator 49-52: SFP connection indicator
Power	Built-in power AC: 100~240Vac 50-60Hz max 1628W
Operating Temperature/Humidity	-10~+55°C; 5%~90% RH Non coagulation
Storage Temperature/Humidity	-40~+75°C; 5%~95% RH Non coagulation
Product/Packing size(L*W*H)	440mm x 450mm x 45mm 553mm x 478mm x 93mm

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BIQ6202BPD1G Series

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N.W/G.W(kg)	7.27kg/8.4kg
Lightning Protection level	6KV 8/20us; IP30
Installation	Rack-mount (optional machine hanger spare parts)
Certificate	CE-EMC EN55032; CE-LVD EN62368; FCC Part 15 Class B; RoHS;
Warranty	1 year
Network Protocol	IEEE 802.3x IEEE 802.3/IEEE 802.3u/IEEE 802.3ab/IEEE 802.3z IEEE 802.3ad IEEE 802.3q/IEEE 802.3q/p IEEE 802.1w/IEEE 802.1d/IEEE 802.1s/IEEE 802.1x
MAC	Support 16K MAC address, auto aging and learning
VLAN Configuration	Support port-based VLAN Up to 4096 VLANs Support Voice VLAN, can configure Qos for voice data 802.1Q
Spanning Tree	STP(Spanning tree protocol) RSTP/MSTP(Rapid spanning tree protocol) EPPS/EAPS(Ring network protocol) 802.1x
Port Aggregation	Support 8 groups of aggregation, each group support up to 8 ports;
Port Mirroring	Support many-to-one port mirroring
Loop Guard	Support loop protection, real-time detection, quick alarm, concise log Intelligent blocking, automatic recovery
Port Isolation	Support downlink ports isolate from each other and communicate with uplink as well

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Flow Control	Half duplex based on Back pressure; Full duplex based on PAUSE frame
Speed Limitation	Bandwidth management based on port input and output
Multicast Control	IGMPv1/2/3 and MLDv1/2 Snooping GMRP protocol registration Multicast address management, multicast VLAN, multicast routing port, static multicast address
DHCP	DHCP Snooping
Storm Suppression	Support unknown unicast, multicast , unknown multicast, broadcast type storm suppression Storm suppression based on bandwidth adjustment and storm filtering
Security	Support User port+IP address+MAC address ACL based on IP, MAC Support security properties of number of MAC address based on port
QOS	802.1p port queue priority algorithm Cos/Tos,QOS remark WRR(Weighted Round Robin), weighted priority rotation algorithm WRR/SP/WFQ priority scheduling modes
Cable Sequence	Auto-MDIX; auto detection on straight-through and cross-over cable
Negotiation Mode	Port support auto negotiation function(self-negotiation transmission rate and duplex mode)
System maintenance	Upgrade package upload System log viewing WEB recovery factory configuration
Network Management	WEB interface management CLI management based on Telnet/TFTIP/Console SNMP V1/V2/V3 management RMONV1/V2 management RMON management

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ORDERING INFORMATION

PART NO.	Description
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