








光语
GLORY

CloudEngine S5731-H-G Series Switch

Datasheet



Product Appearance	Description
 <p>CloudEngine S5731-H24T4XC-G</p>	<ul style="list-style-type: none"> · 24*10/100/1000Base-T Ethernet ports, 4*10-gigabit SFP+ · 1 expansion slot provided · Support 1+1 power backup · Packet Forwarding Rate: 426Mpps · Switching Capacity: 1.28/12.8Tbps
 <p>CloudEngine S5731-H24P4XC-G</p>	<ul style="list-style-type: none"> · 24*10/100/1000Base-T Ethernet ports, 4*10-gigabit SFP+ · 1 expansion slot provided · Support 1+1 power backup · PoE+ · Packet Forwarding Rate: 426Mpps · Switching Capacity: 1.28/12.8Tbps
 <p>CloudEngine S5731-H48T4XC-G</p>	<ul style="list-style-type: none"> · 48*10/100/1000Base-T Ethernet ports, 4*10-gigabit SFP+ · 1 expansion slot is provided · Support 1+1 power backup · Packet Forwarding Rate: 462Mpps · Switching Capacity: 1.28/12.8Tbps
 <p>CloudEngine S5731-H48T4XC-B-G</p>	<ul style="list-style-type: none"> · 48*10/100/1000Base-T Ethernet ports, 4*10-gigabit SFP+ · Supports 1+1 power backup · Packet Forwarding Rate: 462Mpps · Switching Capacity: 1.28/12.8Tbps
 <p>CloudEngine S5731-H48P4XC-G</p>	<ul style="list-style-type: none"> · 48*10/100/1000Base-T Ethernet ports, 4*10-gigabit SFP+ · 1 expansion slot provided · Support 1+1 power backup · PoE+ · Packet Forwarding Rate: 462Mpps · Switching Capacity: 1.28/12.8Tbps

■ ■ Product Overview

The CloudEngine S5731-H-G series switches are a new generation of intelligent gigabit switches, based on the company's unified VRP (Versatile Routing Platform) software platform, with wired and wireless deep integration capabilities, support on-board AC, can manage up to 1K AP; With business accompanying ability, to provide consistent user experience; With VXLAN capability, support network virtualization function, to meet the needs of the park network multi-purpose; At the same time, this series of switches built-in security probe, support abnormal traffic detection, encrypted traffic threat analysis, as well as the whole network threat trapping and other functions, is the best choice for large and medium-sized high-end quality campus network branch, small campus network core and data center access.

■ ■ Technical Specification

Items	CloudEngine S5731-H24T4XC-G	CloudEngine S5731-H24P4XC-G	CloudEngine S5731-H48T4XC-G	CloudEngine S5731-H48P4XC-G
			CloudEngine S5731-H48T4XC-B-G	
Fixed Ports	24*10/100/1000Base-T Ethernet ports, 4*10-gigabit SFP+	24*10/100/1000Base-T Ethernet ports (PoE+) 4*10-gigabit SFP+	48*10/100/1000Base-T Ethernet ports 4*10-gigabit SFP+	48*10/100/1000Base-T Ethernet ports (PoE+) 4*10-gigabit SFP+
Chassis Dimensions (W × D × H)	442mm × 420mm × 43.6mm	442mm × 420mm × 43.6mm	442mm × 420mm × 43.6mm	442mm × 420mm × 43.6mm
Chassis Height	1U	1U	1U	1U
Full Weight	8.4kg	8.6kg	8.55kg	8.8kg
Expansion Slot	1 expansion slot, supported 2*40GE, 8*10GE or 2*25GE optical card	1 expansion slot, supported 2*40GE, 8*10GE or 2*25GE optical slot card	1 expansion slot, supported 2*40GE, 8*10GE or 2*25GE optical card The B model does not support card insertion	1 expansion slot, supported 2*40GE, 8*10GE or 2*25GE optical slot card
Power Supply Type	150W AC power supply 600W POE AC power supply 180W DC power supply 1000W DC power supply	600W PoE AC power supply 1000W PoE AC power supply 1000W PoE DC power supply	150W AC power supply 600W AC power supply 180W DC power supply 1000W DC power supply	600W PoE AC power supply 1000W PoE AC power supply 1000W PoE DC power supply
Maximum Power Consumption	114W	Without PoE: 121W With PoE: 977W (PoE: 720W)	124W/130W	Without PoE: 132W With PoE: 1750W (PoE: 1440W)
Operating Temperature	-5°C to 45°C	-5°C to 45°C	-5°C to 45°C/40°C	-5°C to 45°C
Service Port Lightning Protection	Common mode ±6kV	Common mode ±6kV	Common mode ±6kV	Common mode ±6kV
Power Port Lightning Protection	AC power port: differential mode ±6kV, common mode ±6kV			
	DC power port: differential mode ±2kV, common mode ±4kV			

■ ■ Full Range of S5731-H-G Models

Model	CloudEngine S5731-H-G Enhanced Gigabit Switch
S5731-H24T4XC-G	S5731-H24T4XC-G(24*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+, single card slot, no power supply)
S5731-H24P4XC-G	S5731-H24P4XC-G(24*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+, single card slot,PoE+, no power)
S5731-H48T4XC-G	S5731-H48T4XC-G(48*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+, single card slot, no power supply)
S5731-H48P4XC-G	S5731-H48P4XC-G(48*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+, single card slot,PoE+, without power supply)



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For more information, please visit www.glory-t.cn

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