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# CloudEngine S6730-H-G Series 10GE Switch

**Datasheet**

Product Appearance	Description
 <p>CloudEngine S6730-H48X6C-G</p>	<ul style="list-style-type: none"> <li>· 48*10-gigabit SFP+, 6*40/100GE QSFP28</li> <li>· Pluggable dual power supply with 1+1 backup</li> <li>· Packet Forwarding Rate: 1620Mpps</li> <li>· Switching Capacity: 2.56T/25.6Tbps</li> </ul> <p>Instructions The 100GE QSFP28 interface supports 40GE and 100GE optical module self-adaptation The uplink port is 40GE by default and needs to be upgraded to 100GE by License</p>
 <p>CloudEngine S6730-H24X6C-G</p>	<ul style="list-style-type: none"> <li>· 24*10-gigabit SFP+ and 6*40/100GE QSFP28</li> <li>· Pluggable dual power supply, support 1+1 backup</li> <li>· Packet Forwarding Rate: 1260Mpps</li> <li>· Exchange Capacity: 2.56T/25.6Tbps</li> </ul> <p>Instructions The 100GE QSFP28 interface supports 40GE and 100GE optical module self-adaptation The uplink port is 40GE by default and needs to be upgraded to 100GE by License</p>

## ■ ■ Product Overview

The CloudEngine S6730-H-G series switches are 10G, 25G, 40G and 100G Ethernet switches designed for campus networks. The rich port types meet diverse network bandwidth requirements. The products support cloud management, and realize the full life cycle cloud management network services including planning, deployment, monitoring, experience visualization, fault repair and network optimization, so that network management is simple. The product supports on-board AC capability, integrates AC function, and can manage large-scale aps, effectively simplifying the customer's network architecture and the number of devices, and reducing the networking cost. The product has the ability to travel business and realize the unified identity information of the whole network. No matter where the user accesses from, they can enjoy the same rights and user experience, and fully meet the requirements of enterprise mobile office. The product supports VXLAN technology to realize service isolation through network virtualization and multi-purpose of one network, greatly improving network capacity and utilization. This series of switches is the best choice for the new generation of iot converged network in terms of cost, flexibility, and scalability. The whole series of products have built-in security probe, support abnormal traffic detection, threat analysis of encrypted traffic, and the whole network threat trapping and other functions, which has changed from the traditional passive defense to the active defense, effectively ensuring the security of the campus network.



## ■ ■ Technical Specification

Items	CloudEngine S6730- H48X6C-G	CloudEngine S6730- H24X6C-G
Fixed Port	48*10 gigabit SFP+ 6*40/100GE QSFP28	24*10-gigabit SFP+ 6*40/100GE QSFP28
Chassis Dimensions (W × D × H)	442mm × 420mm × 43.6mm	442mm × 420mm × 43.6mm
Chassis Height	1U	1U
Typical Power Consumption	165W	149W
Maximum Power Consumption	291W	254W
Operating Temperature	-5°C to +45°C (0m to 1800m altitude) <b>Instructions</b> 1800m to 5000m, the maximum temperature specification is reduced by 1°C for every 220m increase in altitude. The device cannot be started when the ambient temperature is lower than 0°C.	
Storage Temperature	-40°C to +70°C	
Service Port Lightning Protection	Common mode ±10kV	
Power Port Lightning Protection	AC power module: differential mode ±6kV, common mode ±6kV	
	DC power modules: differential mode ±2kV, common mode ±4kV	
Power Supply Type	600W AC power module	
	1000W DC power module	
	<b>NOTE</b> There are two power supply modes: single power supply and dual power supply. When the two power supplies are used, the power supply to the host is in 1+1 redundancy backup mode. The pluggable AC and DC power modules can be configured on the same device at the same time	
Relative Humidity	5%-95%RH (no condensation)	
Number of Fans	4 fans with swappable fans	
Heat Dissipation Mode	Air cooling heat dissipation, intelligent speed regulation	

## ■ ■ Full Range of S6730-H-G Silent Models

Model	CloudEngine S6730-H-G Full-featured 10-Gigabit Routing Switch
S6730-H28Y4C-G	S6730-H28Y4C-G(28*25GE SFP28,4*100GE QSFP28, without power supply)
S6730-H24X6C-G	S6730-H24X6C-G(24*10-gigabit SFP+ 6*40GE QSFP28 Optional license upgrade to 6*100GE QSFP28 without power supply)
S6730-H48X6C-G	S6730-H48X6C-G(48*10-gigabit SFP+,6*40GE QSFP28, optional license upgrade to 6*100GE QSFP28, without power)



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