



**光语**  
GLORY

# CloudEngine 6881-G

## Data Center Switch

**Datasheet**



CloudEngine 6881-48S6CQ-G



CloudEngine 6881-48T6CQ-G

## ■ ■ Product Overview

The CloudEngine 6881-G series is a new generation of high-performance, high-density 10GE access switches for data centers. The CloudEngine 6881-G series adopts the advanced hardware design, provides high-density 10GE ports and supports 40GE/100GE uplink ports. All ports support line-speed forwarding, rich data center features, and flexible air channel direction.

The CloudEngine 6881-G series switches are designed for high-density 10GE access in data centers, helping enterprises and carriers build a data center network platform for the cloud computing era. They can also be used for the core or aggregation of campus networks.

## ■ Technical Specification

Items	CloudEngine 6881-48S6CQ-G	CloudEngine 6881-48T6CQ-G
10GE SFP+ Port	48	0
10GE BASE-T Ports	0	48
40/100GE QSFP28 Ports	6	6
Exchange Capacity	4.8Tbps/76.8Tbps	
Packet Forwarding Rate	2000Mpps	
Cache	42MB	
Air Duct Type	Standard front/rear or rear/front air duct	
Chassis Dimensions (W × D × H)	442mm × 420mm × 43.6mm	
Full Weight (with AC power and fan box, no optical module)	7.8kg	8.9kg
Environmental Requirements	Operating Temperature: 0°C to 45°C (0m to 1800m) Storage Temperature: -40°C to +70°C Relative Humidity: 5% to 95%RH, non-condensing	Operating Temperature: 0°C to 40°C (0m to 1800m) Storage Temperature: -40°C to +70°C Relative Humidity: 5% to 95%RH, non-condensing
Operating Voltage	AC: 90V to 290V DC: -38.4 to -72V 240V HVDC: 190V to 290V 380V HVDC: 190V to 400V	
Typical Power Consumption	194W	347W



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