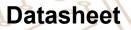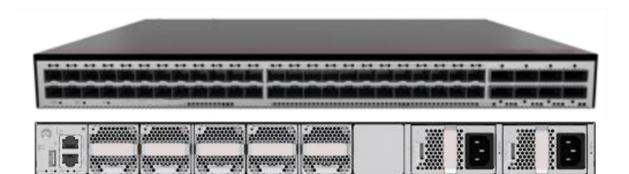# CloudEngine 6885-G
Data Center Switch

Datasheet

Product Overview

The CloudEngine 6885-G series is a new generation of high-performance, high-density 1GE/10GE/25GE/50GE access switches for data centers. The CloudEngine 6885-G series adopts the advanced hardware design, provides high-density 1GE, 10GE, 25GE, or 50GE ports, supports 40GE, 100GE, or 200GE uplink ports, supports rich data center features, and flexibly selects the air channel direction. The CloudEngine 6885-G series switches are designed for high-density data centers. The 1GE/10GE/25GE/50GE access switches help enterprises and carriers build a data center network platform for the cloud computing era, and can also be used for the core or aggregation of campus networks.

Technical Specification

Items	CloudEngine 6885-48YS8CQ-G
10/25GE SFP28 Interface	48
50GE SFP56 Port	48
40/100GE QSFP28 Port	8
200GE QSFP56 Port	8
Switching Capacity	8Tbps
Packet Forwarding Rate	2400Mpps
Air Duct Type	Standard front/rear or rear/front air duct
Chassis Dimensions (W × D × H)	442mm × 420mm × 43.6mm
Full Weight	9.2kg
Environmental Requirements	Operating Temperature: 0℃ to 40℃ (0m to 1800m) Storage Temperature: -40℃ to +70℃ Relative Humidity: 5% to 95%RH, non-condensing
Operating Voltage	600W AC &240VDC power module: AC: 90VAC to 290VAC, 45Hz-65Hz; Dc:190VDC to 290VDC 1200W DC power module: -38.4VDC to -72VDC; +40VDC to +57VDC
Typical Power Consumption	48x25G+8x100G: 147W 48x50G+8x200G: 177W

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