



**光语**  
GLORY

# CloudEngine 16800-G Data Center Switch



CloudEngine 16816-G

CloudEngine 16808-G

CloudEngine 16804-G

## ■ Product Overview

The CloudEngine 16800-G The first data center switch for the era of multiple computing power. It carries the original iLossless intelligent lossless switching algorithm, learns and trains the whole network traffic in real time, realizes network zero packet loss and E2E  $\mu$ s class delay, and achieves the highest throughput. At the same time, it can make NVMe run more efficiently, fully release the potential of all-flash memory, support NOF+ technology, and realize the plug and play of storage network and fast fault perception. On the basis of providing stable, reliable and high-performance L2/L3 layer switching services, it can build an intelligent, minimalist, secure and open data center cloud network platform for customers.

The CloudEngine 16800-G series adopts advanced hardware architecture design. Provide 10 ge/25 ge/40 ge ge ge/400/200/100 ge flexible port selection.

The CloudEngine 16800-G series features industry-leading backplane less Clos orthogonal architecture and industrial-grade reliability, as well as rigorous front and rear air duct design, and supports rich data center features. In addition, CloudEngine 16800-G, as a new generation of core switches, uses a variety of green and energy-saving innovations to significantly reduce equipment energy consumption.

## ■ Technical Specification

Items	CloudEngine 16804-G	CloudEngine 16808-G	CloudEngine 16816-G
Exchange Capacity (Tbps)	714/2142	1428/4284	2856/8568
Packet Forwarding Rate (Mpps)	230,400	460,800	921,600
Service Slot	4	8	16
Switching Network Slot	9		
Switching Architecture	Clos orthogonal architecture, cell switching, VoQ		
Duct Types	Standard front and rear air ducts		
Chassis Dimensions (W × D × H)	483mm × 985mm × 438mm (9.8U)	483mm × 985mm × 703mm (15.8U)	483mm × 1144mm × 1436mm (32.3U)
System Chassis Weight (empty)	94.1kg	129.8kg	273.8kg
Operating Voltage	AC: 176V to 290V DC : -40 V to -72 V HVDC : 188V to 288V/260V to 400V	/	/
Maximum Power Supply Capacity of the System	18000W	30000W	60000W



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