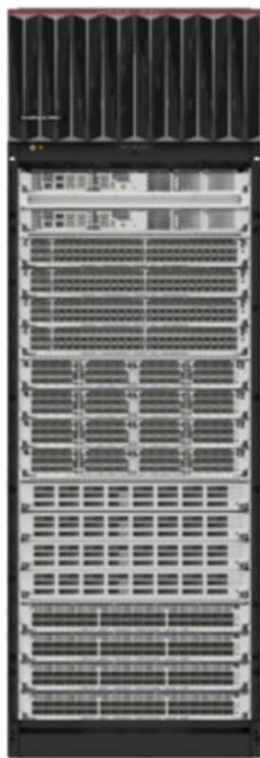# CloudEngine 16800-X-G
Data Center Switch

CloudEngine 16800-X4-G   CloudEngine 16800-X16-G   CloudEngine 16800-X8-G

Product Overview

The CloudEngine 16800-X-G The first data center core switch for multivariate computing. The new hardware capability system has the industry's lowest forwarding delay of about 3.5us across boards. Through lossless Ethernet technology to achieve the data center storage network to the Taiyuan, to achieve computing and storage network technology unification, unified operation and maintenance.

The CloudEngine 16800-X-G series adopts an advanced hardware architecture design, offering flexible port options of 10GE/25GE/40GE/100GE/200GE/400GE, and capable of smooth evolution towards 800GE interfaces.

The CloudEngine 16800-X-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, the CloudEngine 16800-X-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 16800-X4-G	CloudEngine 16800-X8-G	CloudEngine 16800-X16-G
Exchange Capacity (Tbps)	803/2409	1607/4821	3214/9642
Packet Forwarding Rate (Mpps)	230,400	460,800	921,600
Service Slot	4	8	16
Switch SFU Slots	9		
Air Duct Type	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)
Full Weight	94.1kg	129.8kg	273.8kg
Environmental Requirement	Operating Temperature: 0℃ to 40℃ (0m to 1800m) Storage Temperature: -40℃ to +70℃ Relative Humidity: 5% to 85%RH, non-condensing		
Operating Voltage	AC: 176V to 290V; 45Hz to 65Hz HVDC: 188V to 288V/260V to 400V		
Maximum Power Supply Capacity of the System	18000W	30000W	60000W

光语
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Guangdong Glory Technology Co., Ltd.

Email: service@glory-t.tech
Hotline: +86 400-800-6805
For more information, please visit www.glory-t.cn