

Huawei 16808 Core Switch Configuration



Article Overview

The Huawei 16808 Core Switch requires careful hardware installation, module setup, and initial configuration to enable high-performance data center networking with features like M-LAG, VXLAN, and AI-based traffic optimization.

Hardware Installation and Safety

Before configuration, ensure proper hardware setup:

- **Chassis Placement:** Install the CE16808 in a suitable indoor rack with sufficient clearance for airflow— $\geq 3U$ for DC chassis and $\geq 1U$ for AC or high-voltage DC chassis ().
- **Guide Rails and Air Baffles:** Secure guide rails to the rack, align bottom edges with scale lines, and attach air baffles using M6 screws with 1.96 N·m torque ().
- **ESD Precautions:** Wear an ESD wrist strap and remove conductive objects like jewelry to prevent electrostatic damage ().
- **Module Installation Sequence:** Install Switch Fabric Units (SFUs), fan modules, Main Processing Units (MPUs), and Line Processing Units (LPUs) in sequence. Cover vacant slots with filler panels for heat dissipation and EMC compliance ().
- **Power Modules:** Ensure power modules are installed correctly; they will enter protection mode if overvoltage, undervoltage, or overtemperature occurs. Modules can automatically resume once conditions normalize ().

Initial Configuration Steps

Once hardware is installed and powered on:...

Article Content

Sep 29, 2025

Huawei CloudEngine 16800 Switch Datasheet

On a typical data center network, CloudEngine 16800 switches work as core switches, whereas CloudEngine 8800/CloudEngine

Mar 23, 2026

Huawei CloudEngine 16800 Switch Datasheet (V2)

Home Huawei CloudEngine 16800 Switch Datasheet (V2) Huawei CloudEngine 16800 Switch Datasheet (V2)

Apr 09, 2026

CE-SFU08F-GK (CE16808 Switch Fabric Unit F-GK)

This document provides an overall description of the CE16800 series switches hardware, helping you obtain detailed information

Nov 27, 2025

CE-SFU08G-G (CE16808 Switch Fabric Unit G)

CE-SFU08G-G (03058882-001: CE16808 Switch Fabric Unit G) Overview Table 7-295 Basic information about the CE-SFU08G-G

Jun 19, 2026

CloudEngine 16808

This document provides an overall description of the CE16800 series switches hardware, helping you obtain detailed information

Feb 02, 2026

CE16808 Switch CE16808 price and specs pn

CE16808 Switch is a data center switch introduced for the AI era. The software platform is based on

Feb 24, 2026

Huawei CloudEngine 16800 Data Center Switch Datasheet

Intelligent Lossless Network The CloudEngine 16800 Is Secure and Reliable, Improving Network Service Stability Openness and

Nov 07, 2025

Huawei CE16808-DC Switch Chassis, 8 Slots, DC Power

Huawei CE16808-DC core switch chassis with 8 slots and DC power for scalable data center fabrics. Deploy high-density CE16808

Mar 27, 2026

CE16808 CE16808A-B00 installation configuration setup

CloudEngine 16800: Industry's First Data Center Switch, Built for the AI Era1. The CloudEngine 16800 supports up to 36 x 100GE, 36

Nov 18, 2025

Huawei CE16808-AH 8-Slot AC/HVDC Core Switch Chassis

Deploy Huawei CE16808-AH 8-slot AC/HVDC chassis for scalable data center and core aggregation switching. Optimize high

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Huawei CloudEngine 16800 Series Switch: How to Install ...

This video uses the CloudEngine 16808 (CE16808) as an example to describe how to

Nov 28, 2025

Configuring the Core Switch to Be Managed by the Controller

Configuring the Core Switch to Be Managed by the Controller Context After devices to be managed are added to the

Oct 01, 2025

CloudEngine 16808 AC& High-Voltage DC PEM

Overview The CloudEngine 16808 AC& high-voltage DC PEM connects the CloudEngine 16808 to AC& high-voltage DC power

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Huawei CloudEngine CE16808-DC Data Center Core Switch

Huawei CE16808-DC CloudEngine 16800 modular data center switch chassis with DC power configuration, redundancy, and high

Jun 16, 2026

Configuring VSs

Networking Requirements As shown in Figure 2-16, SwitchA is a core switch on the network and carries multiple Layer 2 and Layer 3

Sep 12, 2025

Huawei CE16808A-B01, Scalable Core for Data Centers

Buy Huawei CE16808A-B01 modular core switch with high capacity fabric and redundant power for cloud data centers. Explore

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CloudEngine 16804 and 16808 Switches Quick Installation Guide

CloudEngine 16804 and 16808 Switches Quick Installation Guide (Note: This quick installation guide is also the Installation Template.)

Aug 16, 2025

Configuring the Core Switch

Configuring the Core Switch Context In this scenario, IP addresses of the interfaces connecting the core switch to the

Oct 05, 2025

Huawei CE16808 manual datasheet brochure CE16808A-B00

The CloudEngine 16800 supports up to 36 x 100GE, 36 x 40GE, or 144 x 10GE line cards, which provide line-rate forwarding. The

Oct 02, 2025

Huawei CE12800, CE16800, CE16800-X and XH16800 Switches

CloudEngine 12800& 16800 Series CE12808: Access product manuals, HedEx documents, product images and visio stencils.

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Huawei CE16808 manual datasheet brochure CE16808A-B00

CloudEngine 16800: Industry's First Data Center Switch, Built for the AI Era 1. The CloudEngine 16800 supports up to 36 x 100GE,

Oct 16, 2025

Huawei CloudEngine 16800 Switch Datasheet

Product Overview Huawei CloudEngine 16800 is the data center switch built for the AI era. It has an embedded AI chip and uses

Dec 01, 2025

Installing the CloudEngine 16808

CloudEngine 16808 AC & high-voltage DC chassis: reserved space $\geq 1U$ A maximum of two CloudEngine 16808 devices can be

Contact Us

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