

# Data Center Modular Switch

This data center switch provides high-density 10G/40G/100G connectivity. It utilizes full virtualization technologies and offers data center-class high availability.



## Product Overview

### Next-Generation Data Center Switching

This modular switch is engineered for high-density 40G, 100G, and 400G core network applications. Utilizing a sophisticated CLOS+ architecture and variable cell-based switching, it delivers superior forwarding efficiency and precise congestion control. Designed for large-scale cloud data centers, high-performance computing, and enterprise core aggregation, this platform ensures the scalability and reliability required for bandwidth-intensive and virtualized environments.

## Technical Capabilities

### Architecture & Traffic Management

- CLOS+ Architecture
- Variable cell-based switching
- Advanced traffic scheduling
- Hierarchical scheduling functions
- Accurate congestion control

### Supported Port Speeds

10G, 40G, 100G, 400G

## Performance Metrics

### Core Performance Metrics

**400 Gbps**

Max Port Speed

## Deployment

### Ideal Deployment Environments

Cloud Data Centers • High-Performance Computing • Enterprise Core • High-Density Aggregation

## System Design

### Hardware Design Features

- Modular chassis design
- Redundant power supplies
- Redundant cooling systems
- Comprehensive security features