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Building a Fully Connected, Intelligent World

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Huawei Official Website — Commercial Market

HUAWEI eFly App — Enterprise Data Communication

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Data Communication Commercial Market

Data Center Network Solution Introduction

Faster | Simplified | Reliable

Huawei Datacom Solutions for Commercial Markets

Typical Network Architecture

Customer Benefit

Faster deployment

- Generate LLD based on iMaster NCE and deploy configurations with one click, completing setup in 10 minutes

Simplified O&M

- 1-minute fault detection, 3-minute fault location, and 5-minute fault repair closure based on iMaster NCE

Always on-line

- iReliable, achieving ms-level fault switchover
- iFlashboot, device restart time <10 seconds

Industry Scenarios

Bank

Securities

Education

Medical treatment

Manufacture

Government

Internet

Transportation

All-scenario Data Center Switches

Core
CloudEngine 16804 HOT

4 service slots
Switching capacity(HG-P): 179/387 Tbps
Forwarding rate(HG-P): 115,200 Mpps

Core
CloudEngine 8865-4C HOT

Five types of cards:
1. 4 x 400GE + 8 x 25GE
2. 24 x 10GE (electrical) + 2 x 100GE
3. 24 x 25GE + 2 x 100GE
4. 16 x 100GE
5. 10 x 100GE

- Switching capacity: 16 Tbps
- Packet forwarding rate : 2400 Mpps

Core
CloudEngine 8855-32CQ4BQ

- 32×100GE QSFP28
- 4×200GE QSFP56
- Switching capacity : 8 Tbps
- Packet forwarding rate : 1200Mpps

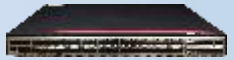
25G Access Switch
CloudEngine 6885L-48YS8CQ HOT

- 48×10/25GE SFP28
- 8×40/100GE QSFP28
- Switching capacity : 4 Tbps
- Packet forwarding rate : 1200 Mpps

25G Access Switch
CloudEngine 6863H-48S6CQ

- 48 x 10/25GE SFP28
- 6 x 40/100GE QSFP28
- Switching capacity : 3.6 Tbps
- Packet forwarding rate : 954 Mpps

25G Access Switch
CloudEngine 6885-48YS8CQ



- 48 x 10/25/50GE SFP56
- 8 x 40/100/200GE QSFP56
- Switching capacity : 8 Tbps
- Packet forwarding rate : 1200 Mpps

10G Access Switch
CloudEngine 6881H-48S6CQ HOT

- 48×10GE SFP+
- 6×40/100GE QSFP28
- Switching capacity : 2.16 Tbps
- Packet forwarding rate : 954 Mpps

10G Electrical Port Access Switch
CloudEngine 6881H-48T6CQ HOT

- 48×10GE Base-T
- 6×40/100GE QSFP28
- Switching capacity : 2.16 Tbps
- Packet forwarding rate : 954 Mpps

10G Access Switch
CloudEngine CE6820-48S6CQ-A

- 48×10GE SFP+
- 6×40/100GE QSFP28
- Switching capacity : 2.16 Tbps
- Packet forwarding rate : 470 Mpps

Note: N1 license is optional

400G Access Switch
CloudEngine XH9210-32DQ

- 32×400GE QSFP-DD
- Switching capacity : 25.6 Tbps
- Packet forwarding rate : 4800 Mpps

200GE Access Switch
CloudEngine XH9110-24BQ8DQ

- 24×200GE QSFP28
- 8×400GE QSFP-DD
- Switching capacity : 16 Tbps
- Packet forwarding rate : 2400 Mpps

GE Electrical Port Access Switch NEW
CloudEngine 5855-48T4XS

- 48×GE Base-T
- 4×10GE SFP+
- Switching capacity : 672 Gbps
- Packet forwarding rate : 132 Mpps