

Huawei Enterprise Network CloudEngine S Series Campus Switch Portfolio



CloudEngine S12700E Ideal Core Switch with Industry-Leading Performance

- S12700E-4**
- 4 service slots, 4.8Tbps/slot
 - Separate control/ forwarding planes, 2 independent switch fabric units
 - Up to 192*10GE/160*25GE/96*40GE/96*100GE ports on the entire equipment

- S12700E-8**
- 8 service slots, 4.8Tbps/slot
 - Separate control/ forwarding planes, 4 independent switch fabric units
 - Up to 384*10GE/320*25GE/192*40GE/192*100GE ports on the entire equipment

- S12700E-12**
- 12 service slots, 4.8Tbps/slot
 - Separate control/ forwarding planes, 4 independent switch fabric units
 - Up to 576*10GE/480*25GE/288*40GE/288*100GE ports on the entire equipment

- Innovate cell switching to implement non-blocking forwarding of services
- Support Super Virtual Fabric (SVF), managing one network as one device
- Industry's first wired and wireless convergence, supporting up to 10,240 APs
- Automatic deployment of VXLAN-based virtual networks, achieving "one network for multiple purposes"

CloudEngine S6730-H Full-Featured 10GE Routing Switch

- S6730-H24X4Y4C**
- 24 x 10 Gig SFP+, 4 x 25 Gig SFP28, 4 x 100GE/40GE QSFP28
 - Support 300W AC or 260W DC power supply, 1 + 1 power redundancy

- S6730-H28Y4C**
- 28 x 25 Gig SFP28, 4 x 100GE/40GE QSFP28
 - Support 300W AC or 260W DC power supply, 1 + 1 power redundancy

- S6730-H24X6C**
- 24 x 10 Gig SFP+, 6 x 100GE/40GE QSFP28 *
 - Support 600W AC or 1000W DC power supply, 1 + 1 power redundancy

- S6730-H48X6C**
- 24 x 10 Gig SFP+, 6 x 100GE/40GE QSFP28 *
 - Support 600W AC or 1000W DC power supply, 1 + 1 power redundancy

* : 40GE uplink ports can be easily upgraded to support 100GE through licenses.

- Native AC, supporting 1K AP management
- Network fault locating in minutes through Telemetry
- Support Super Virtual Fabric (SVF), managing one network as one device
- Automatic deployment of VXLAN-based virtual networks, achieving "one network for multiple purposes"

CloudEngine S6730-S Brand-New Standard 10 GE Switch

- S6730-S24X6Q**
- 24 x 10 Gig SFP+, 6 x 40 Gig QSFP+
 - Support 600W AC or 1000W DC power supply, 1 + 1 power redundancy

- Network fault locating in minutes through Telemetry
- Support Super Virtual Fabric (SVF), managing one network as one device
- Automatic deployment of VXLAN-based virtual networks, achieving "one network for multiple purposes"
- Built-in security probe, Industry-unique threat deception technology delivers proactive security defense

CloudEngine S5732-H Brand-New Enhanced GE Switch

- S5732-H24S6Q**
- 20 x Gig SFP, 4 x 10 Gig SFP+, 6x40GE QSFP+
 - Support 600W AC or 1000W DC power supply, 1 + 1 power redundancy

- S5732-H48S6Q**
- 44 x Gig SFP, 4 x 10 Gig SFP+, 6x40GE QSFP+
 - Support 600W AC or 1000W DC power supply, 1 + 1 power redundancy

- Native AC, supporting 1K AP management
- Network fault locating in minutes through Telemetry
- Support Super Virtual Fabric (SVF), managing one network as one device
- Automatic deployment of VXLAN-based virtual networks, achieving "one network for multiple purposes"

CloudEngine S5732-H Brand-New Multi-GE Access Switch

- S5732-H24UM2CC**
- 24 x 100M/1G/2.5G/5G/10G Base-T, 4 x 25GE SFP28 + 2 x 40GE QSFP+ or 2 x 100GE QSFP28
 - One extended slot, support 8*25GE SFP28 or 8*10GE SFP+ subcard
 - Support 1000W AC power supply, 1 + 1 power redundancy

- S5732-H48UM2CC**
- 48 x 100M/1G/2.5G/5G/10G Base-T, 4 x 25GE SFP28 + 2 x 40GE QSFP+ or 2 x 100GE QSFP28
 - One extended slot, support 8*25GE SFP28 or 8*10GE SFP+ subcard
 - Support 1000W AC power supply, 1 + 1 power redundancy

- S5732-H48XUM2CC**
- 24 x 10 Gig SFP+, 24 x 100M/1G/2.5G/5G/10G Base-T, 4 x 25GE SFP28 + 2 x 40GE QSFP+ or 2 x 100GE QSFP28
 - One extended slot, support 8*25GE SFP28 or 8*10GE SFP+ subcard
 - Support 1000W AC power supply, 1 + 1 power redundancy
 - Support 300m PoE++ with hybrid cables

- Native AC, supporting 1K AP management
- Full-port 10GE access, 60 W power supply
- Support Super Virtual Fabric (SVF), managing one network as one device
- Automatic deployment of VXLAN-based virtual networks, achieving "one network for multiple purposes"

CloudEngine S5731-H Brand-New Intelligent GE Switch

- S5731-H24T4XC**
- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
 - One extended slot
 - Support 150W/600W AC or 180W/1000W DC power supply, 1 + 1 power redundancy

- S5731-H24P4XC**
- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
 - One extended slot
 - Support 1000W AC power supply, 1 + 1 power redundancy
 - PoE+

- S5731-H48T4XC**
- 48 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
 - One extended slot
 - Support 150W/600W AC or 180W/1000W DC power supply, 1 + 1 power redundancy

- S5731-H48T4XC-B**
- 48 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
 - Support 150W/600W AC or 180W/1000W DC power supply, 1 + 1 power

- S5731-H48P4XC**
- 48 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
 - One extended slot
 - Support 1000W AC power supply, 1 + 1 power redundancy
 - PoE+

* Note: support 2*40GE QSFP+, 2*25GE SFP28 or 8*10GE SFP+, 8*10GE Base-T subcard

- Native AC, supporting 1K AP management
- 512MB buffer, meeting high burst service bearing requirements
- Support Super Virtual Fabric (SVF), managing one network as one device
- Automatic deployment of VXLAN-based virtual networks, achieving "one network for multiple purposes"

CloudEngine S5731-S Brand-New Standard GE Access Switch

- S5731-S24T4X**
- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
 - Support 150W/600W AC or 180W/1000W DC power supply, 1 + 1 power redundancy

- S5731-S24P4X**
- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
 - Support 1000W AC power supply, 1 + 1 power redundancy
 - PoE+

- S5731-S32ST4X**
- 24 x GE SFP port, 8 x 10/100/1000Base-T Ethernet ports, 4 x 10GE SFP+ ports
 - Support 150W AC or 180W DC power supply, 1 + 1 power redundancy

- S5731-S32ST4X-A**
- 24 x GE SFP port, 8 x 10/100/1000Base-T Ethernet ports, 4 x 10GE SFP+ ports
 - AC power supply

- S5731-S32ST4X-D**
- 24 x GE SFP port, 8 x 10/100/1000Base-T Ethernet ports, 4 x 10GE SFP+ ports
 - DC power supply

- S5731-S48T4X**
- 48 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
 - Support 150W/600W AC or 180W/1000W DC power supply, 1 + 1 power redundancy

- S5731-S48P4X**
- 48 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
 - Support 1000W AC power supply, 1 + 1 power redundancy
 - PoE+

- S5731-S48S4X**
- 48 x GE SFP ports, 4 x 10GE SFP+ ports
 - Support 150W AC or 180W DC power supply, 1 + 1 power redundancy

- S5731-S48S4X-A**
- 48 x GE SFP ports, 4 x 10GE SFP+ ports
 - AC power supply

* Note: S5731-S series switches will be released in October 2021 according to plan.

- Network fault locating in minutes through Telemetry
- Support Super Virtual Fabric (SVF), managing one network as one device

- Automatic deployment of VXLAN-based virtual networks, achieving "one network for multiple purposes"
- Built-in security probe, Industry-unique threat deception technology delivers proactive security defense

Huawei Enterprise Network CloudEngine S Series Campus Switch Portfolio



CloudEngine S5735-S Brand-New Standard GE Access Switch

S5735-S24T4X

- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- Support 60W AC or 180W/1000W DC power supply, 1 + 1 power redundancy

S5735-S24P4X

- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- Support 1000W AC power supply, 1 + 1 power redundancy
- PoE+

S5735-S48T4X

- 48 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- Support 60W AC or 180W/1000W DC power supply, 1 + 1 power redundancy

S5735-S48P4X

- 48 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- Support 1000W AC power supply, 1 + 1 power redundancy
- PoE+

S5735-S32ST4X

- 24 x Gig SFP, 8 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- Support 60W AC or 180W/1000W DC power supply, 1 + 1 power redundancy

S5735-S48S4X

- 48 x Gig SFP, 4 x 10 Gig SFP+
- Support 150W AC 180W/1000W DC power supply, 1 + 1 power redundancy

- Super Virtual Fabric(SVF), plug-and-play
- Network fault locating in minutes through Telemetry
- Power supply/fan redundancy, ensuring stable service running
- Provides full-optical, full-electrical, and optical-electrical hybrid models to meet requirements in different scenarios

CloudEngine S5736-S Brand-New Standard Multi-GE Access Switch

S5736-S24UM4XC

- 24 x 100M/1G/2.5G/5G/10G Base-T, 4 x 10GE SFP+
- One extended slot, support 8*10GE SFP+ or 4*40GE QSFP+ subcard
- Support 1000W AC power supply, 1 + 1 power redundancy
- PoE++

- Full-port 10GE access, 90 W power supply
- On-demand port rates, pay as you grow
- Network fault locating in minutes through Telemetry
- Support Super Virtual Fabric (SVF), managing one network as one device

CloudEngine S5735-S-I Extended-Temperature Switch

S5735-S24T4X-I

- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- Support 60W AC power supply, 1 + 1 power redundancy

- Simplified Deployment: Works as an SVF client, which is plug-and-play
- Intelligent O&M: Video quality diagnosis based on eMDI and one-click fault locating
- Industrial-Grade Reliability: IP55, 7KV surge protection, and an operating temperature range of -40°C to +70°C

CloudEngine S5736-S Brand-New Standard All-Optical Access Switch

S5736-S24S4XC

- 24 x GE SFP ports, 4 x 10 GE SFP+ ports
- One extended slot, support 2*40GE or 4*40GE QSFP+ subcard
- Support 150W/600W AC or 180W/1000W DC power supply, 1 + 1 power redundancy

S5736-S48S4XC

- 48 x GE SFP ports, 4 x 10 GE SFP+ ports
- One extended slot, support 2*40GE or 4*40GE QSFP+ subcard
- Support 150W/600W AC or 180W/1000W DC power supply, 1 + 1 power redundancy

S5736-S48S4X-A

- 48 x GE SFP (can be upgrade from 1Gbps to 10Gbps), 4 x 10GE SFP+
- 220mm depth
- AC power supply

S5736-S48S4X-D

- 48 x GE SFP (can be upgrade from 1Gbps to 10Gbps), 4 x 10GE SFP+
- 220mm depth
- DC power supply

- On-demand port rates, from 1000 Mbit/s to 10 Gbit/s
- Support Super Virtual Fabric (SVF), managing one network
- 220 mm compact design for flexible deployment
- Network fault locating in minutes through Telemetry

CloudEngine S5735-L Brand-New Simplified GE Access Switch

S5735-L8T4S-A1

- 8 x 10/100/1000Base-T Ethernet ports, 4 x Gig SFP
- AC power supply

S5735-L8T4S-QA1

- 8 x 10/100/1000Base-T Ethernet ports, 4 x Gig SFP
- AC power supply
- Natural heat dissipation

S5735-L8P4S-A1

- 8 x 10/100/1000Base-T Ethernet ports, 4 x Gig SFP
- AC power supply
- PoE+

S5735-L8P4S-QA1

- 8 x 10/100/1000Base-T Ethernet ports, 4 x Gig SFP
- External AC power supply (power adapter)
- PoE+
- Natural heat dissipation

S5735-L8T4X-A1

- 8 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP
- AC power supply

S5735-L8P4X-A1

- 8 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP
- AC power supply
- PoE+

S5735-L24T4S-A1

- 24 x 10/100/1000Base-T Ethernet ports, 4 x Gig SFP
- AC power supply

S5735-L24T4S-QA1

- 24 x 10/100/1000Base-T Ethernet ports, 4 x Gig SFP
- AC power supply
- Natural heat dissipation

S5735-L24P4S-A1

- 24 x 10/100/1000Base-T Ethernet ports, 4 x Gig SFP
- AC power supply
- PoE+

S5735-L24T4X-A1

- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- AC power supply

S5735-L24T4X-QA1

- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- AC power supply
- Natural heat dissipation

S5735-L24T4X-D1

- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10Gig SFP+ ports
- DC power supply

S5735-L24P4X-A1

- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- AC power supply
- PoE+

S5735-L32ST4X-A1

- 24 x Gig SFP, 8 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- AC power supply

S5735-L32ST4X-D1

- 24 x Gig SFP ports, 8 x 10/100/1000Base-T ports, 4 x 10 Gig SFP+ ports
- DC power supply

S5735-L48T4S-A1

- 48 x 10/100/1000Base-T Ethernet ports, 4 x Gig SFP
- AC power supply
- PoE+

S5735-L48P4S-A1

- 48 x 10/100/1000Base-T Ethernet ports, 4 x Gig SFP
- AC power supply
- PoE+

S5735-L48T4X-A1

- 48 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- AC power supply

S5735-L48P4X-A1

- 48 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- AC power supply
- PoE+

- Super Virtual Fabric(SVF), plug-and-play
- Network fault locating in minutes through Telemetry
- Intelligent port sleep and fan speed adjustment, energy-saving
- Fast/Perpetual PoE, providing high-reliability power supply and access for PDs

CloudEngine S5735-S-IA Brand-New Video Backhaul Switch

S5735-S4T2X-IA150G1

- 4 x 10/100/1000Base-T Ethernet ports, 2 x 10 Gig SFP+
- Support 12V DC, 24V AC or 220V AC power supply (output)

S5735-S8P2X-IA200G1

- 8 x 10/100/1000Base-T Ethernet ports, 2 x 10 Gig SFP+
- Support 12V DC, 24V AC or 220V AC power supply (output)
- PoE+

S5735-S8P2X-IA200H1

- 8 x 10/100/1000Base-T Ethernet ports, 2 x 10 Gig SFP+
- Support 12V DC, 24V AC or 220V AC power supply (output)
- Solar power + mains supply + battery (as backup power)
- PoE+

- Simplified Deployment: Quickly deploys video sites by integrating multiple modules
- Intelligent O&M: Video quality diagnosis based on eMDI and one-click fault locating
- Industrial-Grade Reliability: IP55, 6KV surge protection, and an operating temperature range of -40°C to +75°C

CloudEngine S5735-L-I Simplified Extended-Temperature Gigabit Switch

S5735-L8T4X-IA1

- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- AC power supply

S5735-L8P4X-IA1

- 8 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- AC power supply
- Natural heat dissipation
- PoE+

S5735-L24T4X-IA1

- 24 x 10/100/1000Base-T Ethernet ports, 4 x 10 Gig SFP+
- AC power supply

- Super Virtual Fabric (SVF) client, supporting plug-and-play
- eMDI-based video quality diagnosis and one-click fault locating
- Built-in surge protection (up to 10 kV)
- Extended operating temperature range: -40°C to +70°C