

Overview

S5735-L24P4X-A is the Huawei S5735-L switch with 24 x 10/100/1000Base-T ports, 4 x 10 GE SFP+ ports, PoE+. Huawei CloudEngine S5735-L is a series of simplified gigabit access switches that provide 12–48 flexible all-GE downlink ports and four fixed GE or 10 GE uplink ports. They are designed for enterprise campus network access and gigabit to the desktop. Built on next-generation, high-performance hardware and powered by Huawei’s Versatile Routing Platform (VRP), CloudEngine S5735-L switches feature flexible Ethernet networking, diversified security control, and support for multiple Layer 3 routing protocols — providing higher performance and more powerful service processing capabilities for networks.

Quick Spec

Table 1 shows the quick spec.

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Product Model          | S5735-L24P4X-A                                     |
| Forwarding Performance | 96 Mpps                                            |
| Switching Capacity2    | 128 Gbit/s/336 Gbit/s                              |
| Fixed Ports            | 24 x 10/100/1000Base-T ports, 4 x 10 GE SFP+ ports |
| PoE+                   | Supported                                          |

Product Details

Figure 1 shows the front ports of S5735-L24P4X-A.



Note:

|     |                            |     |                  |
|-----|----------------------------|-----|------------------|
| (1) | 24 10/100/1000BASE-T ports | (4) | One PNP button   |
| (2) | Four 1000BASE-X ports      | (5) | One USB port     |
| (3) | One ETH management port    | (6) | One console port |

Figure 2 shows the back view of S5735-L24P4X-A.



Note:

|     |                                       |
|-----|---------------------------------------|
| (1) | Ground screw                          |
| (2) | Jack for AC power cable locking strap |
| (3) | AC socket                             |

### Supported Transceivers

Table 2 shows the recommended models.

| Model                            | Description                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------|
| <a href="#">OMXD30000</a>        | Huawei Optical Transceiver OMXD30000, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)   |
| <a href="#">OSX010000</a>        | Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)                   |
| <a href="#">SFP-GE-LX-SM1310</a> | Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)                    |
| <a href="#">OSXD22N00</a>        | Optical Transceiver, SFP+, 10G, Multi-mode Module (1310nm, 0.22km, LC, LRM)             |
| <a href="#">SFP-10G-USR</a>      | 10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)        |
| <a href="#">OMXD30009</a>        | Transceiver, QSFP+, 1310nm, 41.25Gbps, -7dBm, 2.3dBm, -11.5dBm, LC, SMF, 10             |
| <a href="#">SFP-10G-LR</a>       | Huawei Optical Transceiver SFP-10G-LR, SFP+, 10G, Single-mode Module (1310nm, 10km, LC) |

### Compare to Similar Items

Table 3 shows the comparison.

| Product Model          | <a href="#">S5735-L12T4S-A</a><br><a href="#">S5735-L12P4S-A</a>                                                                                                                         | <a href="#">S5735-L24T4S-A</a><br><a href="#">S5735-L24P4S-A</a> | <a href="#">S5735-L24T4X-A</a><br><a href="#">S5735-L24P4X-A</a> | <a href="#">S5735-L48T4S-A</a>                 | <a href="#">S5735-L48T4X-A</a><br><a href="#">S5735-L48P4X-A</a> | <a href="#">S5735-L32ST4X-A</a>                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------|
| Forwarding Performance | 24 Mpps                                                                                                                                                                                  | 42 Mpps                                                          | 96 Mpps                                                          | 78 Mpps                                        | 132 Mpps                                                         | 108 Mpps                                                             |
| Switching Capacity2    | 32 Gbit/s/336 Gbit/s                                                                                                                                                                     | 56 Gbit/s/336 Gbit/s                                             | 128 Gbit/s/336 Gbit/s                                            | 104 Gbit/s/432 Gbit/s                          | 176 Gbit/s/432 Gbit/s                                            | 144 Gbit/s/432 Gbit/s                                                |
| Fixed Ports            | 12 x 10/100/1000Base-T ports, 4 x GE SFP ports                                                                                                                                           | 24 x 10/100/1000Base-T ports, 4 x GE SFP ports                   | 24 x 10/100/1000Base-T ports, 4 x 10 GE SFP+ ports               | 48 x 10/100/1000BASE-T ports, 4 x GE SFP ports | 48 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports               | 24 x GE SFP ports, 8 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports |
| PoE+                   | CloudEngine S5735-L12P4S-A: Supported<br>CloudEngine S5735-L24P4S-A: Supported<br>CloudEngine S5735-L24P4X-A: Supported<br>CloudEngine S5735-L48P4X-A: Supported<br>Other: Not supported |                                                                  |                                                                  |                                                |                                                                  |                                                                      |

Get More Information

Do you have any question about the S5735-L24P4X-A?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

Specification

| S5735-L24P4X-A Specification |                                                                                                                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Forwarding Performance       | 96 Mpps                                                                                                                                                                                      |
| Switching Capacity2          | 128 Gbit/s/336 Gbit/s                                                                                                                                                                        |
| Fixed Ports                  | 24 x 10/100/1000Base-T ports, 4 x 10 GE SFP+ ports                                                                                                                                           |
| PoE+                         | Supported                                                                                                                                                                                    |
| MAC Features                 | MAC address auto-learning and aging<br>Static, dynamic, and blackhole MAC address entries<br>Packet filtering based on source MAC addresses<br>Interface-based MAC address learning limiting |
| VLAN Features                | 4094 VLANs<br>Guest VLAN, Voice VLAN<br>GVRP<br>MUX VLAN<br>VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports<br>1:1 and N:1 VLAN mapping                   |
| IP Routing                   | Static route, RIP, RIPng, OSPF, OSPFv3                                                                                                                                                       |
| Super Virtual Fabric (SVF)   | Plug-and-play SVF clients<br>Automatic software package and patch loading to SVF clients<br>One-click and automatic delivery of service configurations<br>Independent SVF client operations  |
| Interoperability             | VBST (compatible with PVST/PVST+/RPVST)<br>LNP (similar to DTP)<br>VCMP (similar to VTP)                                                                                                     |

Want to Buy

Order Now

Get a Quote

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of [Cisco](#), [Huawei](#), [HPE](#), [Dell](#), [Hikvision](#), [Juniper](#), [Fortinet](#), etc.



200+  
Countries we Sold



18,000+  
Customers Trusted



\$20,000,000  
Inventory Available



50%-98%  
Off Global List Price



100%  
Safe Online Shopping

Contact Us

- Tel: +1-626-655-0998 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: [sales@router-switch.com](mailto:sales@router-switch.com)