S5735-L24T4X-A Datasheet

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Overview

S5735-L24T4X-A is the Huawei S5735-L switch with 24 x 10/100/1000Base-T ports, 4 x 10 GE SFP+ ports. 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-L24T4X-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+	Not supported

Product Details

Figure 1 shows the front ports of S5735-L24T4X-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-L24T4X-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
OMXD30000	Huawei Optical Transceiver OMXD30000, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
OSX010000	Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)
SFP-GE-LX-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)
OSXD22N00	Optical Transceiver, SFP+, 10G, Multi-mode Module (1310nm, 0.22km, LC, LRM)
SFP-10G-USR	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)
OMXD30009	Transceiver, QSFP+, 1310nm, 41.25Gbps, -7dBm, 2.3dBm, -11.5dBm, LC, SMF, 10
SFP-10G-LR	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	S5735-L12T4S-A S5735-L12P4S-A	S5735-L24T4S-A S5735-L24P4S-A	S5735-L24T4X-A S5735-L24P4X-A	S5735-L48T4S-A	S5735-L48T4X-A S5735-L48P4X-A	S5735-L32ST4X-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 CloudEngine S5735-L24P4S-A: Supported CloudEngine S5735-L24P4X-A: Supported CloudEngine S5735-L48P4X-A: Supported Other: Not supported					

Get More Information

Do you have any question about the S5735-L24T4X-A?

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Specification

S5735-L24T4X-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+	Not supported
MAC Features	MAC address auto-learning and aging Static, dynamic, and blackhole MAC address entries Packet filtering based on source MAC addresses Interface-based MAC address learning limiting
VLAN Features	4094 VLANs Guest VLAN, Voice VLAN GVRP MUX VLAN VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports 1:1 and N:1 VLAN mapping
IP Routing	Static route, RIP, RIPng, OSPF, OSPFv3
Super Virtual Fabric (SVF)	Plug-and-play SVF clients Automatic software package and patch loading to SVF clients One-click and automatic delivery of service configurations Independent SVF client operations
Interoperability	VBST (compatible with PVST/PVST+/RPVST) LNP (similar to DTP) VCMP (similar to VTP)