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## Overview

LS-S3352P-EI-48S-AC is one of the Huawei S3300 Series Switches. S3300 switches (S3300 for short) are next-generation Layer-3 100-megabit Ethernet switches developed by Huawei to carry various services on Ethernets, which provide powerful Ethernet functions for carriers and enterprise customers. Utilizing next-generation high-performance hardware and Huawei Versatile Routing Platform (VRP) software, the S3300 supports enhanced selective QinQ, line-speed cross-VLAN multicast duplication, and Ethernet OAM. Huawei S3300 Series Switch S3352P-EI-48S Mainframe 48 100Base-FX ports and 2 SFP ports and 2 SFP GE ports and AC 110/220V, 13.2 Mpps Forwarding performance, 17.6 Gbps Switching capacity, 64Gbps stacking bandwidth, Enhanced layer 3 Feature.

## Quick Specification

Table 1 shows the quick specification.

Model	LS-S3352P-EI-48S-AC
Part Number	02351421
Fixed Ports	forty-eight 100Base-FX SFP ports, two 100/1000Base-X SFP ports, and two 1000Base-X SFP ports
Forwarding performance	13.2 Mpps
Port switching capacity	17.6 Gbit/s
Backplane switching capacity	64 Gbit/s
Power supplies	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz
Power consumption	< 92 W
Dimensions: width x depth x height	442 mm x 420 mm x 43.6 mm
Weight	< 4.8 kg

Figure 1 shows the appearance of LS-S3352P-EI-48S-AC.



## Product Details

### The Modules

Table 2 shows the recommended elements for the LS-S3352P-EI-48S-AC.

Model	Description
FE-SFP Optical Transceiver	
<a href="#">SFP-FE-SX-MM1310</a>	Optical Transceiver, SFP, 100M/155M, Multi-mode Module (1310nm, 2km, LC)
<a href="#">eSFP-FE-LX-SM1310</a>	Optical Transceiver, eSFP, 100M/155M, Single-mode Module (1310nm, 15km, LC)
<a href="#">S-SFP-FE-LH40-SM1310</a>	Optical Transceiver, eSFP, FE, Single-mode Module (1310nm, 40km, LC)
GE-SFP Optical Transceiver	
<a href="#">eSFP-GE-SX-MM850</a>	Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.55km, LC)
<a href="#">SFP-GE-LX-SM1310</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)
<a href="#">S-SFP-GE-LH40-SM1310</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 40km, LC)
<a href="#">S-SFP-GE-LH40-SM1550</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 40km, LC)
GE Copper Transceiver	
<a href="#">SFP-1000BaseT</a>	Electrical Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45)

### Compare to Similar Items

Table 3 shows the comparison of LS-S3352P-EI-48S-AC, LS-S3328TP-EI-24S-AC and LS-S3328TP-SI-AC.

Model	LS-S3352P-EI-48S-AC	<a href="#">LS-S3328TP-EI-24S-AC</a>	<a href="#">LS-S3328TP-SI-AC</a>
Fixed Ports	forty-eight 100Base-FX SFP ports, two 100/1000Base-X SFP ports, and two 1000Base-X SFP ports	twenty-four 100Base-FX ports, two 1000Base-X SFP ports, and two gigabit Combo ports (10/100/1000Base-T or 100/1000Base-X)	twenty-four 10/100Base-T ports, two 1000Base-X SFP ports, and two gigabit Combo ports (10/100/1000Base-T or 100/1000Base-X)
Forwarding performance	13.2 Mpps	9.6 Mpps	9.6 Mpps
Port switching capacity	17.6 Gbit/s	12.8 Gbit/s	12.8 Gbit/s
Backplane switching capacity	64 Gbit/s	64 Gbit/s	64 Gbit/s
Power supplies	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V,	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V,	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V,

	50/60 Hz	50/60 Hz	50/60 Hz
Power consumption	< 92 W	< 20 W	< 55 W

## Get more information

Do you have any question about the LS-S3352P-EI-48S-AC (02351421)?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

LS-S3352P-EI-48S-AC Specification	
Model	LS-S3352P-EI-48S-AC
Part Number	02351421
Description	S3352P-EI-48S Mainframe (48 100 BASE-X ports and 2 100/1000 BASE-X ports and 2 SFP GE (1000 BASE-X) ports (SFP Req.) and AC 110/220V)
Fixed port	48*10/100Base-T ports, 2* 100/1000Base-X and 2*1000Base-X ports
Processor	Dominant frequency: 200MHz
Switching capacity	17.6 Gbit/s
Forwarding performance	13.1 Gbit/s
DDR memory	128 MB
Flash Memory	16 MB
Backplane switching capacity	64 Gbit/s
MAC address table	Supports 16K MAC address entries.
	Supports automatic learning and aging of MAC address
	Supports static, dynamic, and blackhole MAC address entries.
	Supports packet filtering based on source MAC addresses.
VLAN features	Supports up to 4096 VLANs.
	Supports guest VLANs,voice VLANs, and super VLANs.
	Supports VLAN assignment based on MAC addresses, protocols, and IP subnets.
	Supports basic QinQ and selective QinQ.
	Supports 1:1 VLAN switching.
	Supports N:1 VLAN switching.
QoS/ACL	Supports rate limit on packets sent and recieved by a port
	Supports packet redirection



	Supports port-based traffic policing and two-rate three-color CAR.
	Supports multiple queue scheduling algorithms including WRR, DRR, SP, WRR+SP, and DRR+SP.
	Supports re-marking of the 802.1p priority and DSCP priority.
	Supports packet filtering based on Layer 2 to Layer 4 information, filtering out invalid frames based on the source MAC address, destination MAC address, source IP address, destination IP address, port number, protocol, and VLAN ID.
	Supports queue-based rate limit and traffic shaping on ports.
	Supports eight queues on each port.
IPv6 features	Supports PMTU.
	Supports Neighbor Discovery (ND).
	Supports IPv6 Ping, IPv6 Tracert, and IPv6 Telnet.
	Supports manually configured tunnels.
	Supports 6-to-4 tunnels.
	Supports ISATAP tunnels.
	Supports ACLs based on the source IPv6 address, destination IPv6 address, Layer-4 port, or protocol type.
Supports MLD v1/v2 snooping.	
Multicast	Supports 1024 multicast groups.
	Supports IGMP v1/v2/v3 snooping and fast leave.
	Supports multicast VLAN and cross-VLAN multicast replication.
	Supports multicast load sharing among bundled ports.
	Supports controllable multicast.
	Supports port-based multicast traffic statistics
	Supports IGMP v1/v2/v3, PIM-SM, and PIM-DM.
Security	Supports hierarchical user management and password protection.
	Supports DoS attack defense, ARP attack defense, and ICMP attack defense.
	Supports binding of the IP address, MAC address, port number, and VLAN ID.
	Supports port isolation, port security, and sticky MAC.
	Supports blackhole MAC addresses.
	Supports limit on the number of MAC addresses to be learned.
	Supports IEEE 802.1X authentication and the limit on the maximum number of users on a port.
	Supports multiple authentication methods including AAA, RADIUS, HWTACACS+, and NAC.
	Supports SSH v2.
	Supports CPU protection.
Supports blacklisting and whitelisting.	
Surge protection	Each port has a surge protection capability of 6 KV. Each port has a surge protection capability of 15 KV after an extra surge protection device is added.



Management and maintenance	Supports iStack (except the S33HI).
	Supports MAC Forced Forwarding (MFF).
	Supports auto-config and HGMP.
	Supports remote configuration and maintenance by using Telnet.
	Supports Virtual Cable Test (VCT).
	Supports Ethernet OAM (IEEE 802.3ah and 802.1ag).
	Supports Dying gasp power-off alarm (the S3328TP-EI-MC and the S3326C-HI only).
	Supports local port mirroring, Remote Switched Port Analyzer (RSPAN), and packet forwarding on an observing port.
	Supports SNMP v1/v2/v3 and RMON.
	Supports MUX VLAN and GVRP.
	Supports the Network Management System (NMS) and Web management.
	Supports SSH v2.
	Supports HTTPS (the S3300HI only).
	Supports 802.3az EEE (the S3300HI only).
Supports system logs and multi-level alarms.	
Operating environment	Operating temperature: 0°C to 50°C (long term); -5°C to 55°C (short term); relative humidity: 10% to 90% (non-condensing)
Power supply	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz
Dimensions: width x depth x height	442 mm x 420 mm x43.6 mm
Weight	< 4.8 kg
Power consumption	< 92 W

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