### Datasheet



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### Overview

Huawei S3300 Series Switch S3352P-PWR-EI Mainframe 48 10/100 BASE-T ports and 2 100/1000 BASE-X ports and 2 SFP GE (1000 BASE-X) ports, PoE, Chassis,

Double Slots of power, Without Power, 13.2 Mpps Forwarding performance, 17.6 Gbps Switching capacity, 64Gbps stacking bandwidth.

#### **Quick Specification**

#### Table 1 shows the quick specification.

Model	LS-S3352P-PWR-EI
Part Number	02351817
Description	S3352P-PWR-EI Mainframe (48 10/100 BASE-T ports and 2 100/1000 BASE-X ports and 2 SFP GE (1000 BASE-X) ports, PoE, Chassis, Double Slots of power, Without Power)
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
Dimensions (W x D x H)	442 mm x 420 mm x43.6 mm
Power consumption	< 880 W, PoE power = 740 W

#### Figure 1 shows the appearance of LS-S3352P-PWR-EI.



#### Get more information

Do you have any question about the LS-S3352P-PWR-EI (02351817)?

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# Specification

LS-S3352P-PWR-EI Specification		
Model	LS-S3352P-PWR-EI	
Part Number	02351817	
Description	S3352P-PWR-EI Mainframe (48 10/100 BASE-T ports and 2 100/1000 BASE-X ports and 2 SFP GE (1000 BASE-X)	
Description	ports, PoE, Chassis, Double Slots of power, Without Power)	
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	
	Supports 16K MAC address entries.	
	Supports automatic learning and aging of MAC address	
MAC address table	Supports static, dynamic, and blackhole MAC address entries.	
	Supports packet filtering based on source MAC addresses.	
	Supports up to 4096 VLANs.	
	Supports guest VLANs, voice VLANs, and super VLANs.	
	Supports VLAN assignment based on MAC addresses, protocols, and IP subnets.	
VLAN features	Supports basic QinQ and selective QinQ.	
	Supports 1:1 VLAN switching.	
	Supports N:1 VLAN switching.	
	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.	
QoS/ACL	Supports re-marking of the 802.1p priority and DSCP priority.	
	Supports packet filtering based on Layer 2 to Layer 4 information, filtering out invalidframes based on the source MA	
	address, destination MACaddress, 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.	
The second s	Supports PMTU.	
IPv6 features	Supports Neighbor Discovery (ND).	



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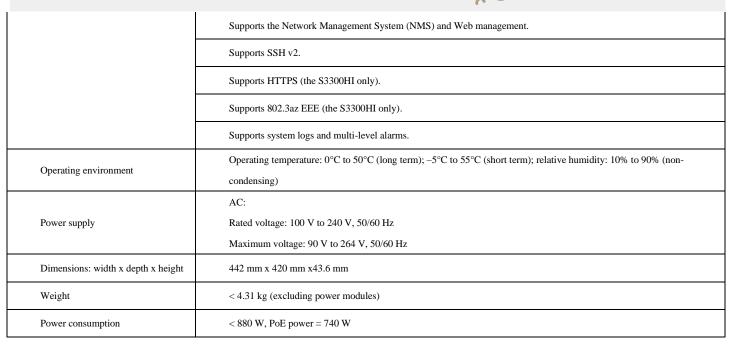


	Supports IPv6 Ping, IPv6 Tracert, and IPv6 Telnet.
	Supports manually configured tunnels.
	Supports 6-to-4 tunnels.
	Supports ISATAP tunnels.
	Supports ACLs based on the source IPv6 address, destination IPv6 address, Layer-4 port, or protocol type.
	Supports MLD v1/v2 snooping.
	Supports 1024 multicast groups.
	Supports IGMP v1/v2/v3 snooping and fast leave.
	Supports multicast VLAN and cross-VLAN multicastreplication.
Multicast	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.
	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.
Security	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.
Sumo materia	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	surge protection device is added.
	Supports iStack (except the S33HI).
	Supports MAC Forced Forwarding (MFF).
	Supports auto-config and HGMP.
	Supports remote configuration and maintenance by using Telnet.
Management and maintenance	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.

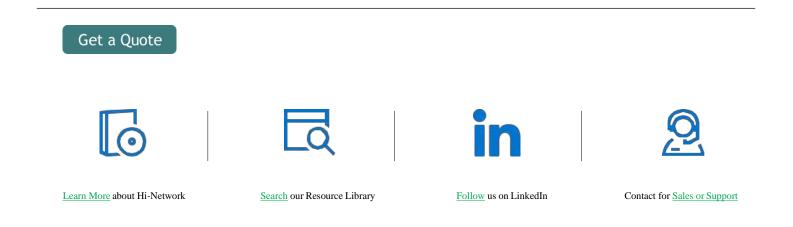


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