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## Overview

Huawei S3300 Series Switch S3328TP-EI Mainframe 24 10/100 FastEthernet ports and 2 Combo GE 10/100/1000 Rj-45+100/1000 Base-X) ports and 2 SFP ports and AC 110/220V, 12.8Gbps switching capacity, 9.6 Mpps Forwarding performance, 64Gbps stacking bandwidth, Enhanced layer 3 Feature

## Quick Specification

Table 1 shows the quick specification.

Model	LS-S3328TP-EI-AC
Part Number	02351377
Description	S3328TP-EI Mainframe (24 10/100 BASE-T ports and 2 Combo GE (10/100/1000 BASE-T+100/1000 Base-X) ports and 2 SFP GE (1000 BASE-X) ports (SFP Req.) and AC 110/220V)
Fixed port	24*10/100Base-TX ports, 2*1000Base-X and 2*10/100/1000Base-Tor 100/1000Base-X ports
Processor	Dominant frequency: 300 MHz
Switching capacity	12.8 Gbit/s
Forwarding performance	9.6 Mpps
DDR memory	128 MB
Flash Memory	16 MB
Backplane switching capacity	64 Gbit/s

Figure 1 shows the appearance of LS-S3328TP-EI-AC.



## Get more information

Do you have any question about the LS-S3328TP-EI-AC (02351377)?

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## Specification

<b>LS-S3328TP-EI-AC Specification</b>	
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Description	S3328TP-EI Mainframe (24 10/100 BASE-T ports and 2 Combo GE (10/100/1000 BASE-T+100/1000 Base-X) ports and 2 SFP GE (1000 BASE-X) ports (SFP Req.) and AC 110/220V)
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Processor	Dominant frequency: 300 MHz
Switching capacity	12.8 Gbit/s
Forwarding performance	9.6 Mpps
DDR memory	128 MB
Flash Memory	16 MB
Backplane switching capacity	64 Gbit/s
MAC address table	<p>Supports 16K MAC address entries.</p> <p>Supports automatic learning and aging of MAC address</p> <p>Supports static, dynamic, and blackhole MAC address entries.</p> <p>Supports packet filtering based on source MAC addresses.</p>
VLAN features	<p>Supports up to 4096 VLANs.</p> <p>Supports guest VLANs, voice VLANs, and super VLANs.</p> <p>Supports VLAN assignment based on MAC addresses, protocols, and IP subnets.</p> <p>Supports basic QinQ and selective QinQ.</p> <p>Supports 1:1 VLAN switching.</p> <p>Supports N:1 VLAN switching.</p>
QoS/ACL	<p>Supports rate limit on packets sent and received by a port</p> <p>Supports packet redirection</p> <p>Supports port-based traffic policing and two-rate three-color CAR.</p> <p>Supports multiple queue scheduling algorithms including WRR, DRR, SP, WRR+SP, and DRR+SP.</p> <p>Supports re-marking of the 802.1p priority and DSCP priority.</p> <p>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.</p> <p>Supports queue-based rate limit and traffic shaping on ports.</p> <p>Supports eight queues on each port.</p>
IPv6 features	<p>Supports PMTU.</p> <p>Supports Neighbor Discovery (ND).</p> <p>Supports IPv6 Ping, IPv6 Tracert, and IPv6 Telnet.</p> <p>Supports manually configured tunnels.</p> <p>Supports 6-to-4 tunnels.</p> <p>Supports ISATAP tunnels.</p> <p>Supports ACLs based on the source IPv6 address, destination IPv6 address, Layer-4 port, or protocol type.</p> <p>Supports MLD v1/v2 snooping.</p>



Multicast	<p>Supports 1024 multicast groups.</p> <p>Supports IGMP v1/v2/v3 snooping and fast leave.</p> <p>Supports multicast VLAN and cross-VLAN multicastreplication.</p> <p>Supports multicast load sharing among bundled ports.</p> <p>Supports controllable multicast.</p> <p>Supports port-based multicast traffic statistics</p> <p>Supports IGMP v1/v2/v3, PIM-SM, and PIM-DM.</p>
Security	<p>Supports hierarchical user management and password protection.</p> <p>Supports DoS attack defense, ARP attack defense, and ICMP attack defense.</p> <p>Supports binding of the IP address, MAC address, port number, and VLAN ID.</p> <p>Supports port isolation, port security, and sticky MAC.</p> <p>Supports blackhole MAC addresses.</p> <p>Supports limit on the number of MAC addresses to be learned.</p> <p>Supports IEEE 802.1X authentication and the limit on the maximum number of users on a port.</p> <p>Supports multiple authentication methods including AAA, RADIUS, HWTACACS+, and NAC.</p> <p>Supports SSH v2.</p> <p>Supports CPU protection.</p> <p>Supports blacklisting and whitelisting.</p>
Surge protection	<p>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.</p>
Management and maintenance	<p>Supports iStack (except the S33HI).</p> <p>Supports MAC Forced Forwarding (MFF).</p> <p>Supports auto-config and HGMP.</p> <p>Supports remote configuration and maintenance by using Telnet.</p> <p>Supports Virtual Cable Test (VCT).</p> <p>Supports Ethernet OAM (IEEE 802.3ah and 802.1ag).</p> <p>Supports Dying gasp power-off alarm (the S3328TP-EI-MC and the S3326C-HI only).</p> <p>Supports local port mirroring, Remote Switched Port Analyzer (RSPAN), and packet forwarding on an observing port.</p> <p>Supports SNMP v1/v2/v3 and RMON.</p> <p>Supports MUX VLAN and GVRP.</p> <p>Supports the Network Management System (NMS) and Web management.</p> <p>Supports SSH v2.</p> <p>Supports HTTPS (the S3300HI only).</p> <p>Supports 802.3az EEE (the S3300HI only).</p> <p>Supports system logs and multi-level alarms.</p>
Operating environment	<p>Operating temperature: 0°C to 50°C (long term); -5°C to 55°C (short term); relative humidity: 10% to 90% (non-condensing)</p>
Power supply	<p>AC:</p> <p>Rated voltage: 100 V to 240 V, 50/60 Hz</p> <p>Maximum voltage: 90 V to 264 V, 50/60 Hz</p>
Dimensions: width x depth x height	442 mm x 220mm x 43.6 mm
Weight	< 2.5 kg
Power consumption	< 20 W

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WhatsApp Business: +8618057156223