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Overview

ES1BS7703SP0 is the Huawei S7703 PoE assembly chassis. The S7700 series switches (S7700 for short) are high-end smart routing switches designed for next-generation enterprise networks. The S7700 design is based on Huawei's intelligent multi-layer switching technology to provide intelligent service optimization methods, such as MPLS VPN, traffic analysis, comprehensive HQoS policies, controllable multicast, load balancing, and security, in addition to high-performance Layer 2 to Layer 4 switching services. The S7700 also features super scalability and reliability.

Quick Specification

Table 1 shows the quick specification.

Model	S7703 PoE
Part Number	02115782
Product Code	ES1BS7703SP0
Dimensions without packaging (H x W x D) [mm(in.)]	- With cable management frames: 175 mm x 442 mm x 585 mm (6.89 in. x 17.40 in. x 23.03 in.) - Without cable management frames: 175 mm x 442 mm x 517.4 mm (6.89 in. x 17.40 in. x 20.37 in.)
Redundancy Design	Supervisors, Power modules, CMUs, Fans trays
Weight without packaging (full configuration) [kg(lb)]	33.8
Number of MPU slots	2
Number of service board slots	3
Number of power slots	3
Number of system power slots	3
Number of PoE power slots	3
Number of fans modules	1
Rated input voltage [V]	- DC input: -48 V DC or -60 V DC - AC input: 110 V AC/220 V AC, 50/60 Hz - High-voltage DC input (3000 W AC power module): 240 V DC
PoE	Supported

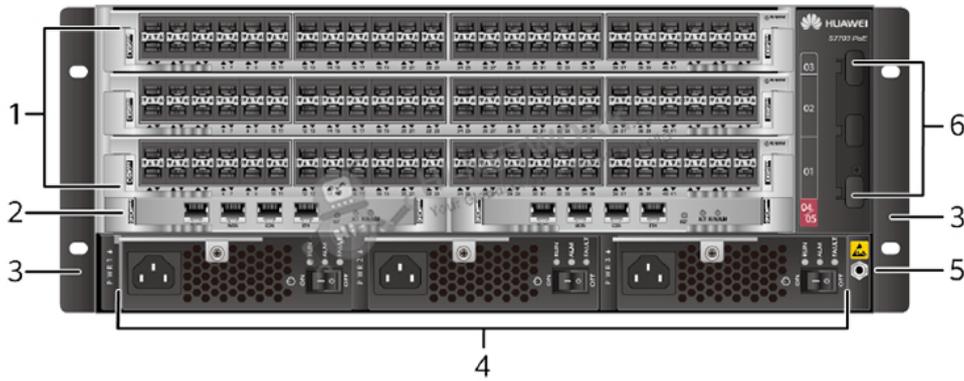


Figure 1 shows the S7703 PoE chassis appearance.



Product Details

Figure 2 shows the S7703 PoE chassis structure (front view).



Note:

(1)	<p>Three of the following service cards can be installed:</p> <ul style="list-style-type: none"> • Open Service Platform Unit • 100M Interface Card • 1000M Interface Card • GE/10GE Interface Card • 10GE Interface Card • 40GE Interface Card • 40GE/100GE Interface Card • 100GE Interface Card
(2)	Two MPUs
(3)	A pair of mounting brackets
(4)	<p>Three power modules</p> <ul style="list-style-type: none"> • 800 W AC Power Module • 2200 W AC Power Module • 2200 W DC Power Module • 3000 W AC Power Module
(5)	Front ESD jack
(6)	Cable management frames



Figure 3 shows the S7703 PoE chassis structure (rear view).



Note:

(1)	One Fan Module	(3)	Rear ESD jack
(2)	Ground screw	(4)	Air filter

Get More Information

Do you have any question about the S7703 PoE (02115782)?

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Specification

S7703 PoE Specification	
Model	S7703 PoE
Part Number	02115782
Product Code	ES1BS7703SP0
Description	S7703 PoE assembly chassis
First supported version	V200R013C00
Dimensions without packaging (H x W x D) [mm(in.)]	- With cable management frames: 175 mm x 442 mm x 585 mm (6.89 in. x 17.40 in. x 23.03 in.) - Without cable management frames: 175 mm x 442 mm x 517.4 mm (6.89 in. x 17.40 in. x 20.37 in.)
Chassis height [U]	4
Cabinet installation standards	N66E/N68E
Weight without packaging [kg(lb)]	10.3 kg (22.71 lb)
Weight without packaging (full configuration) [kg(lb)]	33.8
Maximum power consumption [W]	1185
Maximum heat dissipation [BTU/hour]	4043.34
MTBF [year]	33.8

MTTR [hour]	2
Availability	0.9999964
Noise at normal temperature (acoustic power) [dB(A)]	≤ 72
Number of MPU slots	2
Number of SFU slots	NA
Number of service board slots	3
Number of power slots	3
Number of system power slots	3
Number of PoE power slots	3
Number of fans modules	1
LPU slot direction	Horizontal
Redundant MPUs	The control units can work in hot standby mode.
Redundant CMUs	Not supported
Redundant power supply	3(N+0/N+1/N+N/AUTO)
Redundant fans	1 fan tray
Long-term operating temperature [°C(°F)]	0°C to +45°C (32°F to 113°F) at an altitude of -60 m to +1800 m (-197 ft. to 5906 ft.)
Restriction on the operating temperature variation rate [°C(°F)]	When the altitude is 1800-4000 m (5906-13123 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.).
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% to 95%, noncondensing
Long-term operating altitude [m(ft.)]	-60 m to + 4000 m (-197 ft. to 13123 ft.)
Storage altitude [m(ft.)]	< 5000 m (16404 ft.)
Rated input voltage [V]	- DC input: -48 V DC or -60 V DC - AC input: 110 V AC/220 V AC, 50/60 Hz - High-voltage DC input (3000 W AC power module): 240 V DC
Input voltage range [V]	- DC input: -40 V DC to -72 V DC - AC input: 90 V AC to 290 V AC; 47 Hz to 63 Hz (When the input voltage ranges from 90 V AC to 175 V AC, the maximum output power of the power module is halved.) - High-voltage DC input (3000 W AC power module): 190 V DC to 290 V DC
Power supply surge protection [kV]	- 800 W AC power module, AC power port: ±4 kV in common mode and ±2 kV in differential mode - 2200 W AC power module, AC power port: ±4 kV in common mode and ±2 kV in differential mode - 3000 W AC power module, AC power port: ±6 kV in common mode and ±6 kV in differential mode - 2200 W DC power module, DC power port: ±4 kV in common mode and ±2 kV in differential mode
Heat dissipation mode	Absorb air
Airflow direction	Left-to-right back airflow
PoE	Supported
Relationship between PoE and system power modules [W]	Shared system power supply, supporting the N +0/N+1/N+N/AUTO mode



Maximum PoE output power per slot [W]	48*100W=4800W
Maximum number of PoE ports per slot	48
Maximum PoE output power [W]	15000 W
Maximum power output capability (including the system power output and PoE power output) [W]	3*800 W AC: 2400 W (220 V input); 1200 W (110 V input) 3*2200 W AC: 6600 W (220 V input); 3300 W (110 V input) 3*3000 W AC: 9000 W (220 V input); 4500 W (110 V input) 3*2200 W DC: 6600 W
Certification	EMC certification Safety certification Manufacturing certification

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