

[Get a Quote](#)

Overview

ES0B00770300 is the Huawei S7703 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
Part Number	02113304
Product Code	ES0B00770300
Forwarding Performance	1440 Mpps/3600 Mpps
Switching Capacity	1.92 Tbps/4.8 Tbps
Service Slots	3
Redundancy Design	Supervisors, Power modules, CMUs, Fans trays
MPU Slots	2
LPU slots	3
System power supply slots	2
Fan slots	1
PoE power supply slots	1
Maximum PoE Power	2,200W
Maximum power consumption (fully loaded)	1000 W
Working Voltage	DC: -38.4V to -72V AC: 90V to 290V
Dimensions (W x D x H, excluding rack-mounting brackets)	With cable management frames: 442 mm x 585 mm x 175 mm (17.4 in. x 23.0 in. x 6.9 in. (4 U)) Without cable management frames: 442 mm x 489 mm x 175 mm (17.4 in. x 19.3 in. x 6.9 in. (4 U))
Weight (empty/fully loaded)	10 kg/22 kg (22.0 lb/48.5 lb)

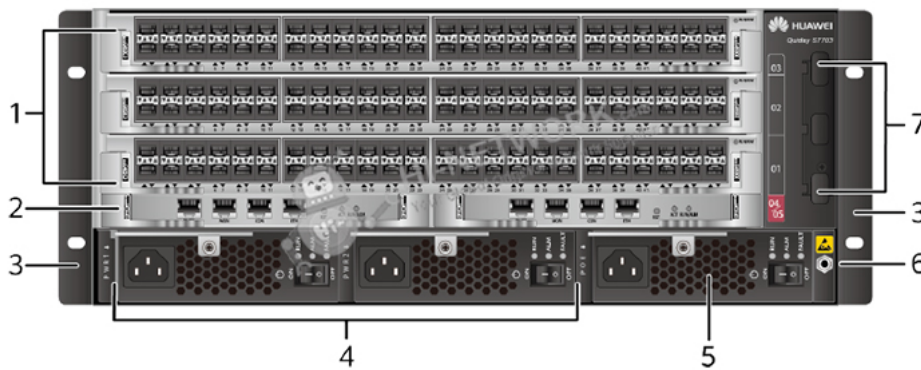


Figure 1 shows the S7703 chassis appearance.



Product Details

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



Note:

(1)	<p>Three of the following service cards can be installed:</p> <ul style="list-style-type: none"> • Value-Added Service Unit • 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)	Two power modules
(5)	<p>One PoE power modules</p> <ul style="list-style-type: none"> • 2200 W AC Power Module • 800 W AC Power Module • 2200 W DC Power Module (Supported in V200R006C00 and later versions) • 3000 W AC Power Module (Supported in V200R012C00 and later versions)



(6)	Front ESD jack
(7)	Cable management frames

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



Note:

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

The Modules, Cards

Table 2 shows the recommended elements.

Model	Description
FE-SFP optical transceiver	
SFP-FE-SX-MM1310	Optical Transceiver, SFP, 100M/155M, Multi-mode Module (1310nm, 2km, LC)
eSFP-FE-LX-SM1310	Optical Transceiver, eSFP, 100M/155M, Single-mode Module (1310nm, 15km, LC)
S-SFP-FE-LH40-SM1310	Optical Transceiver, eSFP, FE, Single-mode Module (1310nm, 40km, LC)
GE-SFP optical transceiver	
eSFP-GE-SX-MM850	Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.55km, LC)
SFP-GE-LX-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)
S-SFP-GE-LH40-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 40km, LC)
S-SFP-GE-LH40-SM1550	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 40km, LC)
10G-SFP+ optical transceiver	
SFP-10G-USR	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)
OMXD30000	Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
OSX010000	Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)
40GE CFP optical transceiver	
CFP-40G-SR4	High Speed Transceiver CFP-40G-SR4, CFP, 40G, Multimode Module (850nm, 4*10G, 0.1km, MPO)

CFP-40G-LR4	High Speed Transceiver, CFP, 40G, Single-mode Module (1310nm band, 41.25G, 10km, stright LC)
CFP-40G-ER4	High Speed Transceiver, CFP, 40G, Single-mode Module (1310nm band, 41.25G, 40km, stright LC)
40GE QSFP+ optical transceiver	
QSFP-40G-eSR4	40GBase-eSR4 Optical Transceiver, QSFP+, 40G, Multi-mode (850nm, 0.3km, MPO) (Connect to four SFP+ Optical Transceiver)
QSFP-40G-ER4	40GBase-ER4 Optical Transceiver, QSFP+, 40G, Single-mode Module (1310nm, 40km, LC)
100GE CFP optical transceiver	
CFP-100G-SR10	High Speed Transceiver, CFP, 100G, Multimode Module (850nm, 10*10G, 0.1km, MPO)
CFP-100G-LR4	CFP, 100G, Single-mode Module (1310nm band, 4*25G, 10km, stright LC)
CFP-100G-ER4	High Speed Transceiver, CFP, 100G, Single-mode Module (1310nm band, 4*25G, 40km, stright LC)
GE copper transceiver	
SFP-1000BaseT	Electrical Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45)
100GE interface card	
ET1D2C02FEE0	2-Port 100GBASE-X Interface Card (EE, CFP) ET1D2C02FEE0series)
10GE interface card	
ET1D2X32SSC0	32-Port 10GBASE-X Interface Card (SC, SFP+)
ET1D2X12SSA0	12-Port 10GBASE-X Interface Card (SA, SFP+)
40GE interface card	
ET1D2L08QSC0	8-Port 40GBASE-X Interface Card (SC, QSFP+)
ET1D2L02QSC0	2-Port 40GBASE-X Interface Card (SC, QSFP+)
Centralized monitoring unit	
EH1D200CMU00	Centralized Monitoring Board
Cluster switching system unit	
EH1D2VS08000	8-Port 10G Cluster Switching System Service Unit (SFP+)
Firewall module	
ET1D2FW00S02	NGFW Module C, with HW General Security Platform Software
ET1D2FW00S01	NGFW Module B, with HW General Security Platform Software
GE/10GE interface card	
ET1D2S08SX1E	8-Port 10GBASE-X and 8-Port 100/1000BASE-X and 8-Port 10/100/1000BASE-T Combo Interface Card (X1E, RJ45/SFP/SFP+)
ET1D2S04SX1E	4-Port 10GBASE-X and 24-Port 100/1000BASE-X and 8-Port 10/100/1000BASE-T Combo Interface Card (X1E, RJ45/SFP/SFP+)
Intrusion prevention system module	
ET1D2IPS0S00	IPS Module A, with HW General Security Platform Software

Main processing unit	
ET1D2MPUA000	S12708/S12712, Main Processing Unit A (Optional clock)
Switch fabric unit	
ET1D2SFUD000	S12708/S12712, Switch Fabric Unit D
ET1D2SFUA000	S12708/S12712, Switch Fabric Unit A
Wireless access controller unit	
ACU2	WLAN ACU2 Access Controller Unit (128 AP Control Resource Included)
GE interface card	
ET1D2T36SEA0	36-Port 10/100/1000BASE-T and 12-Port 100/1000BASE-X Interface Card (EA, RJ45/SFP)
ET1D2G48SX1E	48-Port 100/1000BASE-X Interface Card (X1E, SFP)

Compare to Similar Items

Table 3 shows the comparison of S7703 and S7712 PoE.

Model	S7703	S7712 PoE
Part Number	02113304	02113308
Product Code	ES0B00770300	ES0B017712P0
Forwarding Performance	1,440 Mpps	2,880 Mpps
Switching Capacity	1.92 Tbit/s	3.84 Tbit/s
Service Slots	3	12
Redundancy Design	Supervisors, Power modules, CMUs, Fans trays	Supervisors, Power modules, CMUs, Fans trays
MPU Slots	2	2
LPU slots	3	12
System power supply slots	2	4
Fan slots	1	4
PoE power supply slots	1	4
Maximum PoE Power	2,200W	8,800W
Maximum power consumption (fully loaded)	1000 W	4200 W

Get More Information

Do you have any question about the S7703 (02113304)?

Contact us now via info@hi-network.com.

Specification

S7703 Specification	
Basic Information	
Model	S7703
Part Number	02113304
Description	S7703 Assembly Chassis
First supported version	V100R003C01
Technical Specifications	
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 kg (22.05 lb)
Weight without packaging (full configuration) [kg(lb)]	31.6
Maximum power consumption [W]	1000
Maximum heat dissipation [BTU/hour]	3412.1
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	2
Number of PoE power slots	1
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	System power supply area: 2 (1:1) PoE power supply area: 1 (no backup)
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: 1600 W DC power module: -38.4 V DC to -72 V DC 2200 W DC power module: -40 V DC to -72 V DC - AC input: 90 V AC to 290 V AC, 47 Hz to 63 Hz (The maximum output power reduces by a half when the input voltage ranges from 90 V AC to 175 V AC.) - 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 - 1600 W DC power module, DC power port: ±2 kV in common mode and ±1 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]	PoE power modules are independent from system power modules
Maximum PoE output power per slot [W]	Versions earlier than V200R013C00: 1440 W V200R013C00 and later versions: 1776 W
Maximum number of PoE ports per slot	48
Maximum PoE output power [W]	3000W
Maximum power output capability (including the system power output and PoE power output) [W]	System power supply area: 2*800 W AC: 800 W (220 V input); 400 W (110 V input) 2*2200 W AC: 2200 W (220 V input); 1100 W (110 V input) 2*3000 W AC: 3000 W (220 V input); 1500 W (110 V input) 2*2200 W DC: 2200 W PoE power supply area: 1*800 W AC: 800 W (220 V input); 400 W (110 V input) 1*2200 W AC: 2200 W (220 V input); 1100 W (110 V input)



S7703 (02113304)

Datasheet



	1*3000 W AC: 3000 W (220 V input); 1500 W (110 V input) 1*2200 W DC: 2200 W
Certification	EMC certification Safety certification Manufacturing certification

Want to Buy

Get a Quote



[Learn More](#) about Hi-Network



[Search](#) our Resource Library



[Follow](#) us on LinkedIn



Contact for [Sales or Support](#)

Contact HI-NETWORK.COM For Global Fast Shipping

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: [echo.hinetwork](https://www.skype.com/people/echo.hinetwork)

WhatsApp Business: +8618057156223