

[Get a Quote](#)

Overview

ES0B00771200 is the Huawei S7712 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

Figure 1 shows the S7712 chassis appearance.



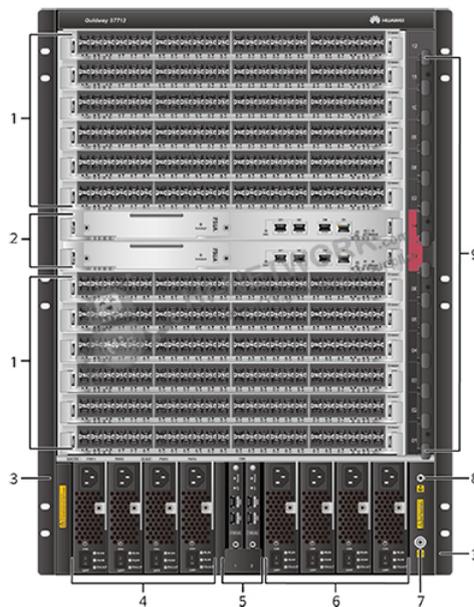
Table 1 shows the Quick Specification.

Model	S7712
Part Number	02113306
Product Code	ES0B00771200
Forwarding Performance	3480 Mpps
Switching Capacity	4.64 Tbps
Service Slots	12
Redundancy Design	Supervisors, Power modules, CMUs, Fans trays
MPU Slots	2
LPU slots	12
System power supply slots	4
Fan slots	4
PoE power supply slots	4
Maximum PoE Power	8,800 W

Maximum power consumption (fully loaded)	4200 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 (15 U high): 663.9 mm x 442 mm x 585 mm (26.1 in. x 17.4 in. x 23.0 in.) Without cable management frames (15 U high): 663.9 mm x 442 mm x 517.4 mm (26.1 in. x 17.4 in. x 20.37 in.)
Weight (empty/fully loaded)	25 kg/97 kg (55.1 lb/213.8 lb)

Product Details

Figure 2 shows the S7712 chassis structure (front view).

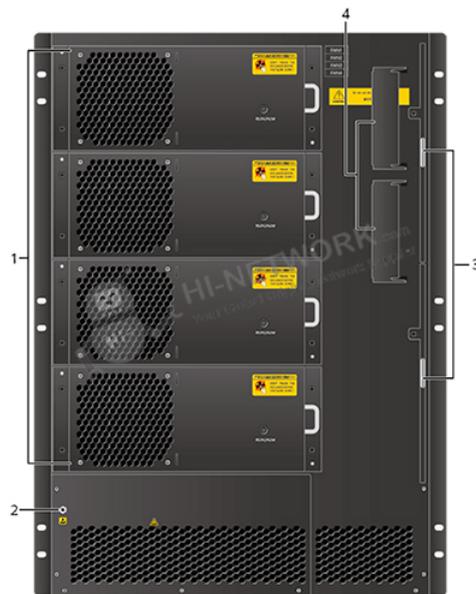


Note:

(1)	<p>Twelve 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)	Four power modules
(5)	Two EHID200CMU00-Centralized Monitoring Unit

(6)	<p>Four PoE power module</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)
(7)	Ground screw
(8)	Front ESD jack
(9)	Cable management frames

Figure 3 shows the S7712 chassis structure (rear view).



Note:

(1)	Four Fan Module	(3)	Air filter
(2)	Rear ESD jack	(4)	A pair of removable handles

Get More Information

Do you have any question about the S7712 (02113306)?

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

huawei-s7712-brochure-datasheetSpecification

S7712 Specification

Model	S7712
-------	-------

Part Number	02113306
Product Code	ES0B00771200
Description	S7712 Assembly Chassis
First supported version	V100R003C01
Dimensions without packaging (H x W x D) [mm(in.)]	- With cable management frames: 663.9 mm x 442 mm x 585 mm (26.14 in. x 17.40 in. x 23.03 in.) - Without cable management frames: 663.9 mm x 442 mm x 517.4 mm (26.14 in. x 17.40 in. x 20.37 in.)
Chassis height [U]	15
Cabinet installation standards	N66E/N68E
Weight without packaging [kg(lb)]	25 kg (55.12 lb)
Weight without packaging (full configuration) [kg(lb)]	97
Maximum power consumption [W]	4200
Maximum heat dissipation [BTU/hour]	14330.82
MTBF [year]	24.1
MTTR [hour]	2
Availability	0.9999959
Noise at normal temperature (acoustic power) [dB(A)]	≤ 72
Number of MPU slots	2
Number of SFU slots	NA
Number of service board slots	12
Number of power slots	8
Number of system power slots	4
Number of PoE power slots	4
Number of fans modules	4
LPU slot direction	Horizontal
Redundant MPUs	The control unit works in hot standby mode, and the switching unit works in 1 + 1 load sharing mode.
Redundant CMUs	Active-standby redundancy
Redundant power supply	System power supply area: 4 (2:2) PoE power supply area: 4(M+N)/PoE switch 0/non-PoE switch
Redundant fans	4 fan trays
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]	<ul style="list-style-type: none"> - 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]	<ul style="list-style-type: none"> - 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]	<ul style="list-style-type: none"> - 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]	PoE chassis: Versions earlier than V200R013C00: 1440 W V200R013C00 and later versions: 1776 W Non-PoE chassis: 0 W
Maximum number of PoE ports per slot	48
Maximum PoE output power [W]	PoE switch: 9000 W Non-PoE switch: 0 W
Maximum power output capability (including the system power output and PoE power output) [W]	System power supply area: 4*800 W AC: 1600 W (220 V input); 800 W (110 V input) 4*2200 W AC: 4400 W (220 V input); 2200 W (110 V input) 4*3000 W AC: 4400 W (220 V input); 3000 W (110 V input) 4*2200 W DC: 4400 W PoE power supply area: 4*800 W AC: 3200 W (220 V input); 1600 W (110 V input) 4*2200 W AC: 8800 W (220 V input); 4400 W (110 V input) 4*3000 W AC: 9000 W (220 V input); 6000 W (110 V input) 4*2200 W DC: 8800 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/add?contact=echo.hinetwork)

WhatsApp Business: +8618057156223