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Overview

EH1BS9703E00 is the Huawei S9703 Assembly Chassis with 3 Slots. The S9700 series terabit routing switches are high-end switches designed for next-generation campus networks and data centers to implement service aggregation. EH1BS9703E00 is only a chassis without any modules. The service cards, MPUs, fan module, power supply modules must be ordered separately.

Quick Specification

Table 1 shows the Quick Specs.

Model	EH1BS9703E00
Part Number	02113547
Switching Capacity	2.88 Tbit/s or 5.76 Tbit/s
Packet Forwarding Rate	2,160 Mpps
Service Slots	3
IP Routing	IPv4 routing protocols, such as RIP, OSPF, BGP, and IS-IS IPv6 dynamic routing protocols, such as, RIPng, OSPFv3, ISISv6, and BGP4+
Dimensions (H x W x D)	175 mm x 442 mm x 489 mm, 4U
Chassis Weight (empty)	11 kg
Operating Voltage	DC: -40V to -72V
	AC: 90V to 290V
Equipment Power Supply Capability	2,200W

Product Details

Figure 1 shows the front panel of S9703 for references. EH1BS9703E00 is only an assembly chassis. This product on the figure has been installed some modules. Pay attention that these modules must be purchased alone.



Note:

①	Three service cards slots	④	Two power modules slots
②	Two MPUs slots	⑤	Reserved slot
③	A pair of mounting brackets	⑥	Front ESD jack

Figure 2 shows the back panel of EH1BS9703E00 with installed fan module. The module must be ordered alone.

**Note:**

①	Fan Module Slot
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The Modules, Cards and Optical Transceiver

Table 2 shows the recommended accessories of S9703. These modules can be installed in the EH1BS9703E00, the S9703 assembly chassis

Model	Description
Main control unit	
EH1D2MCUAC00	S9703 Main Control Unit A (Optional Clock)
Wireless access controller unit	
ACU2	WLAN ACU2 Access Controller Unit (128 AP Control Resource Included)
Intrusion prevention system module	
ET1D2IPS0S00	IPS Module A, with HW General Security Platform Software
Firewall Modules	
ET1D2FW00S00	NGFW Module A,with HW General Security Platform Software
ET1D2FW00S01	NGFW Module B,with HW General Security Platform Software
ET1D2FW00S02	NGFW Module C,with HW General Security Platform Software
FE Interface Card	
EH1D2F48SEA0	48-Port 100BASE-X Interface Card (EA, SFP)
EH1D2F48SEC0	48-Port 100BASE-X Interface Card (EC, SFP)
EH1D2F48TEA0	48-Port 10/100BASE-T Interface Card (EA, RJ45)
GE Interface Card	
EH1D2G24SEC0	24-Port 100/1000BASE-X Interface Card (EC, SFP)
EH1D2G48SEC0	48-Port 100/1000BASE-X Interface Card (EC, SFP)
GE/10GE Interface Card	
EH1D2S04SX1E	4-Port 10GBASE-X and 24-Port 100/1000BASE-X and 8-Port 10/100/1000BASE-T Combo Interface Card (X1E, RJ45/SFP/SFP+)
EH1D2S24XEA0	24-Port 100/1000BASE-X and 2-Port 10GBASE-X Interface Card (EA, SFP/XFP)
10GE Interface Card	
EH1D2X04XEA0	4-Port 10GBASE-X Interface Card (EA, XFP)
EH1D2X08SED4	8-Port 10GBASE-X Interface Card (EA, XFP)
EH1D2X12SSA0	12-Port 10GBASE-X Interface Card (EA, XFP)
EH1D2X16SFC0	16-Port 10GBASE-X Interface Card (EA, XFP)
EH1D2X32SSC0	32-Port 10GBASE-X Interface Card (EA, XFP)
40GE Interface Card	
EH1D2L02QFC0	2-Port 40GBASE-X Interface Card (FC, QSFP+)
EH1D2L08QFC0	8-Port 40GBASE-X Interface Card (FC, QSFP+)
100GE Interface Card	



EH1D2C02FEE0	Huawei 2-Port 100GBASE-X Interface Card (EE, CFP)
Fan Module	
EH1M00FBX000	Wide Voltage 74 Fan Box
Power Module	
PAC-2200WF	2200W AC Power Module
W2PSA0800	800W AC Power Module (Black)
W2PSD2200	2200W DC Power Module (Black)
GE-SFP Optical Transceiver	
SFP-1000BaseT	Electrical Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45)
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)
10GE 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 QSFP+ optical transceiver	
QSFP-40G-ER4	40GBase-ER4 Optical Transceiver, QSFP+,40G, Single-mode Module (1310nm,40km, LC)
QSFP-40G-LR4	40GBase-LR4 Optical Transceiver, QSFP+,40GE, Single-mode Module (1310nm,10km, LC)
100GE CFP optical transceiver	
CFP-100G-ER4	High Speed Transceiver, CFP,100G, Single-mode Module (1310nm band,4*25G,40km, straight LC)
CFP-100G-LR4	CFP, 100G, Single-mode Module (1310nm band,4*25G,10km, straight LC)

Compare to Similar Items

Table 3 shows the comparison of EH1BS9703E00 (S9703 Assembly Chassis) and EH1BS9706E00 (S9706 Assembly Chassis).

Models	EH1BS9703E00	EH1BS9706E00
Type	S9703 Assembly Chassis	S9706 Assembly Chassis
Switching Capacity	2.88 Tbit/s or 5.76 Tbit/s	6.72 Tbit/s or 14.72 Tbit/s
Packet Forwarding Rate	2,160 Mpps	2,880 Mpps or 5,040 Mpps
Service Slots	3	6

Get more information:

Do you have any question about the EH1BS9703E00(2113547)?

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

Specification:

EH1BS9703E00 Specification	
Switching capacity	2.88/5.76
Packet forwarding rate	2160 Mpps
Service slots	3
Wireless network management	Native AC AP access control, AP region management, and AP profile management Radio profile management, uniform static configuration, and centralized dynamic management



	Basic WLAN services, QoS, security, and user management
User management	<ul style="list-style-type: none"> unified user management 802.1x, MAC address, and Portal authentication Traffic- and time-based accounting User authorization based on user groups, domains, and time ranges
iPCA quality awareness	<ul style="list-style-type: none"> Marking real service packets to obtain real-time count of dropped packets and packet loss ratio Counting number of dropped packets and packet loss ratio on devices and L2/L3 networks
SVF 2.0 virtualization	<ul style="list-style-type: none"> Virtualizing access switches (ASs) and APs into one logical device to simplify management and maintenance Two layers of ASs allowed in an SVF system Third-party devices allowed between SVF parent and clients
VLAN	<ul style="list-style-type: none"> Supports adding access, trunk, and hybrid interfaces to VLANs Supports the default VLAN Supports VLAN switching Supports QinQ and selective QinQ Supports MAC address-based VLAN assignment
MAC address	<ul style="list-style-type: none"> Supports automatic learning and aging of MAC addresses Supports static, dynamic, and blackhole MAC address entries Supports packet filtering based on source MAC addresses Supports MAC address limiting based on ports and VLANs
STP/ERPS	<ul style="list-style-type: none"> Supports STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s) Supports BPDU protection, root protection, and loop protection Supports BPDU tunnel ERPS (G.8032)
IP routing	<ul style="list-style-type: none"> Supports IPv4 routing protocols, such as RIP, OSPF, BGP, and IS-IS Supports IPv6 dynamic routing protocols, such as, RIPng, OSPFv3, ISISv6, and BGP4+
Multicast	<ul style="list-style-type: none"> Supports IGMP v1/v2/v3, IGMPv1/v2/v3 snooping Supports PIM-SM, PIM-DM, PIM-SSM Supports MSDP, MBGP Supports prompt leave Supports multicast traffic control Supports multicast querier Supports suppression on multicast packets Supports multicast CAC Supports multicast ACL
MPLS	<ul style="list-style-type: none"> Supports basic MPLS functions Supports MPLS OAM Supports MPLS TE Supports MPLS VPN/VLL/VPLS
Reliability	<ul style="list-style-type: none"> Supports LACP and E-Trunk Supports VRRP and BFD for VRRP Supports BFD for BGP/IS-IS/OSPF/static route NSR, NSF, and GR for BGP/IS-IS/OSPF/LDP Supports TE FRR and IP FRR

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