

S3700 SERIES SWITCHES

DATASHEET

New Generation Access Switch

Version: V1.3

Release Date: 2026/6/10

Product Overview

The S3700 Series Switch designed on a domestic new generation switch Chip, which called [LightLink platform](#). With 8, 24, 48 GE Downlink, 10G Uplink ports and rich features, these switches will perfectly meets the requirements of Enterprise, Campus and ISP networks.



Key features of The S3700 Switch

- Support ZTP(Zero-Touch Provisioning), which greatly reduces the workload of deployment.
- Redundant power input, like 12V battery input for uninterrupted operation.
- Visually display the status of stack groups and the location of devices
- MLAG which can build an Active-Active system to improve the reliability of the network links from single board grade to device grade.
- Precision Timing Protocol.
- Support Dying Gasp
- Rich L2/L3 features like IPv6, OSPF, BGP, VxLan, PIM, etc.

The S3700 Series Switch provide multiple power supply solutions for customers choosing, fixed single power supply, 12V Battery supply model and redundant hot-swappable power supplies (AC and DC are both available). The Fan solutions also have build in fans and swapped field replaceable fan modules. Generally, air flow of S3700 Series is front to rear (AFO), and some of models can do customization of rear to front (AFI) airflow.

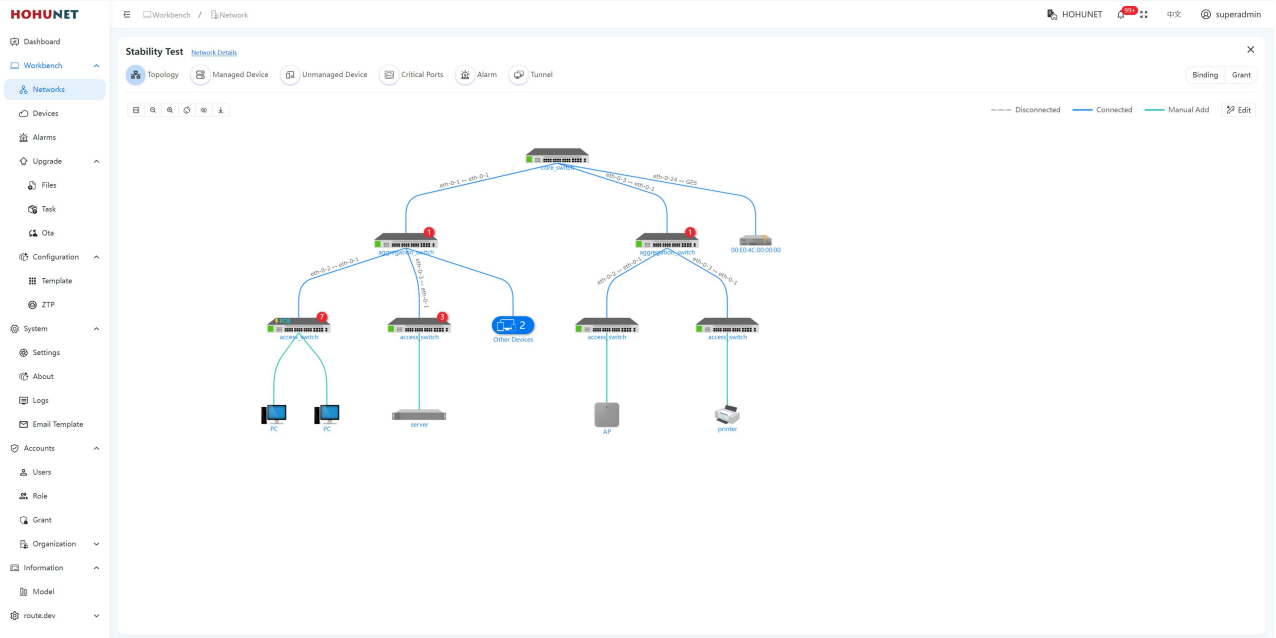
Table 1: Feasible PSU and airflow of S3700 Series

● In default; ○ Customizable; X No support

Items	AC	DC	AFO	AFI	Power Input	FAN
S3748-6X-EI	●	○	●	○	2	3
S3748-6X-SI	●	X	●	X	1	3
S3748PB-6X-EI	●	○	●	○	2	3
S3748P-6X-SI	●	X	●	X	1	4
S3724-6X-EI	●	○	●	○	2	2
S3724-6X-SI	●	X	●	X	1	2
S3724PB-6X-EI	●	○	●	○	2	3
S3724P-6X-SI	●	X	●	X	1	4
S3724S-8T6X-EI	●	○	●	○	2	3
S3724S-8T6X-SI	●	X	●	X	1	3
S3708P-2X-SI	●	X	●	X	2	1

The S3700 Series Switch support varied management ways, include console port / in-band network ports / out-of-band network port. Support SNMP v1/v2/v3, Support CLI (Command Line Interface), web management, Telnet and FTP connection. Support OAM to make management more convenient, and support SSH2.0, SSL, etc. to ensure security of management.

Moreover, leveraging its profound technical expertise and in-depth understanding of campus and enterprise networking needs, Hohonet has launched the Da Hu Cloud Management System (DHCS). It enhances network management and maintenance efficiency, reduces costs, elevates management intelligence, and delivers a faster, smarter, more secure and reliable network to better meet user requirements.



Visual WEB GUI

HOS allows you to quickly configure common configuration items using a visual WEB GUI, which lowers the application threshold for users.

The S3700 family of Ethernet switches consists of the following models

Table 2: A Glance of The S3700 Series Switches

Models	Ethernet Ports	POE	Management	PSU 1/PSU 2	Cooling
S3748-6X-EI	48 x 1G BaseT, 6x 10G SFP+	None		2*75W	3 x Fan (Front to Rear airflow)
S3748-6X-SI		None		1*60W	
S3748PB-6X-EI	48 x 1G Base-T + 6 x 10G SFP+	Port 1-48BT		2*900W	3 x Fan (Front to Rear airflow)
S3748P-6X-SI		Port 1-4BT Port 5-48AT		1*780W	4 x Fan (Front to Rear airflow)
S3724-6X-EI	24 x 1G Base-T + 6 x 10G SFP+	None	RJ45 Console: Out of band 1G Ethernet Port, USB (Type A)	2*75W	2 x Fan (Front to Rear airflow)
S3724-6X-SI	24 x 1G Base-T + 6 x 10G SFP+	None		1*60W	
S3724PB-6X-EI	24 x 1G Base-T + 6 x 10G SFP+	Port 1-24BT		2*600W	3 x Fan (Front to Rear airflow)
S3724P-6X-SI		Port 1-4BT Port 5-24AT		1*450W	4 x Fan (Front to Rear airflow)
S3724S-8T6X-EI	16 x 1G SFP, 8x1G Base-T or 8x1G SFP Combo, 6x10G SFP+	None		2*75W	3 x Fan (Front to Rear airflow)
S3724S-8T6X-SI		None		1*60W	
S3708P-2X-SI	8 x 1G Base-T + 2 x 10G SFP+	Port 1-8 AT	RJ45 Console:	1*150W/1*24 W	1 x Fan (Front to Rear airflow)

S3700 Physical Specifications

Power consumption(220V 20°C)

Worst case, all ports used, line-rate traffic

- S3748-6X-EI:52W
- S3748-6X-SI:49W
- S3748PB-6X-EI:66W
- S3748P-6X-SI:61W
- S3724-6X-EI:39W
- S3724-6X-SI:28W
- S3724PB-6X-EI:66W
- S3724P-6X-SI:47W
- S3724S-8T6X-EI:45W
- S3724S-8T6X-SI:43W
- S3708P-2X-SI:TBD

Typical power consumption

- S3748-6X-EI:40W
- S3748-6X-SI:38W
- S3748PB-6X-EI:60W
- S3748P-6X-SI:55W
- S3724-6X-EI:33W
- S3724-6X-SI:23W
- S3724PB-6X-EI:60W
- S3724P-6X-SI:42W
- S3724S-8T6X-EI:41W
- S3724S-8T6X-SI:39W
- S3708P-2X-SI:TBD

Cooling [CFM] - Total maximum airflow

- S3748-6X-EI:34.8cfm(±10%)
- S3748-6X-SI:34.8cfm(±10%)
- S3748PB-6X-EI:34.8cfm(±10%)
- S3748P-6X-SI:46.4cfm(±10%)
- S3724-6X-EI:23.2cfm(±10%)
- S3724-6X-SI:23.2cfm(±10%)
- S3724PB-6X-EI:34.8cfm(±10%)
- S3724P-6X-SI:46.4cfm(±10%)
- S3724S-8G6X-EI:34.8cfm(±10%)
- S3724S-8G6X-SI:34.8cfm(±10%)
- S3708P-2X-SI:11.6cfm(±10%)

Weight (Net weight/Gross weight)

- S3748-6X-EI:5.3kg/TBD
- S3748-6X-SI:3.6kg/TBD
- S3748PB-6X-EI:7kg/TBD
- S3748P-6X-SI:TBD/TBD
- S3724-6X-EI:4.3kg/TBD
- S3724-6X-SI:TBD/TBD
- S3724PB-6X-EI:6.9kg/TBD
- S3724P-6X-SI:3.6kg/TBD
- S3724S-8T6X-EI:5.2kg/TBD
- S3724S-8T6X-SI:3.4kg/TBD
- S3708P-2X-SI:1.5kg/TBD

Dimensions (W x H x D) with package

- S3748-6X-EI:TBD
- S3748-6X-SI:TBD
- S3748PB-6X-EI:TBD
- S3748P-6X-SI:TBD
- S3724-6X-EI:TBD
- S3724-6X-SI:TBD
- S3724PB-6X-EI:TBD
- S3724P-6X-SI:TBD
- S3724S-8T6X-EI:TBD
- S3724S-8T6X-SI:TBD
- S3708P-2X-SI:TBD

Dimensions (W x H x D) without package

- S3748-6X-EI:440 x 44 x 320
- S3748-6X-SI:440 x 44 x 280
- S3748PB-6X-EI:440 x 44 x 385
- S3748P-6X-SI:440 x 44 x 330
- S3724-6X-EI:440 x 44 x 260
- S3724-6X-SI:440 x 44 x 260
- S3724PB-6X-EI:442 x 44 x 385
- S3724P-6X-SI:440 x 44 x 280
- S3724S-8T6X-EI:440 x 44 x 320
- S3724S-8T6X-SI:440 x 44 x 280
- S3708P-2X-SI:319 x 44 x 208

S3700 Physical Specifications

CPU

- Quad-core, RISC-V(1.2GHz)

Memory

- eMMC: 8G
- DRAM: 2G

Temperature alarm

- Alarm threshold:50°C

Environmental ranges

- Operating temperature:0°C to 45°C
- Storage temperature:-40°C to 70°C
- Running Humidity:10% to 90% (No condensation)
- Store Humidity:5 to 95% (No condensation)
- Operating altitude:0~5km

PoE Power Budget

- S3748PB-6X-EI:TBD
- S3748P-6X-SI:700W
- S3724PB-6X-EI:TBD
- S3724P-6X-SI:TBD

MTBF

- EI (Swapable PSU and FAN): \geq 90000h (~10.3 Years)
- SI (Fixed PSU and FAN): \geq 70000h (~8.0 Years)

● Packet Switch capacity (Gbps)

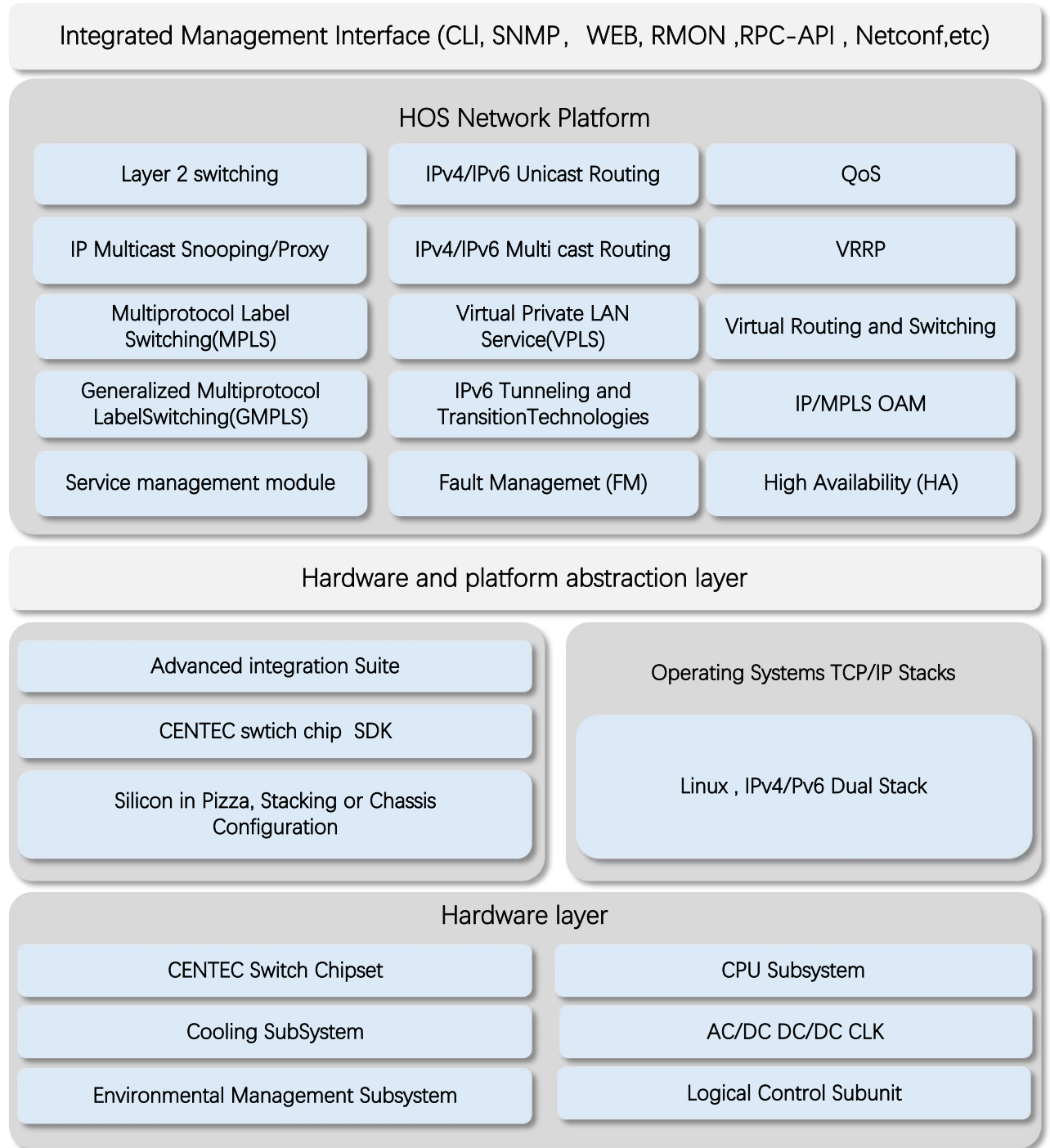
- S3748-6X-EI:216Gbps (bidirectional)
- S3748-6X-SI:216Gbps (bidirectional)
- S3748PB-6X-EI:216Gbps (bidirectional)
- S3748P-6X-SI:216Gbps (bidirectional)
- S3724-6X-EI:168Gbps (bidirectional)
- S3724-6X-SI:168Gbps (bidirectional)
- S3724PB-6X-EI:168Gbps (bidirectional)
- S3724P-6X-SI:168Gbps (bidirectional)
- S3724S-8T6X-EI:184Gbps (bidirectional)
- S3724S-8T6X-SI:184Gbps (bidirectional)
- S3708P-2X-SI:56Gbps (bidirectional)

● Layer 2/Layer 3 Throughput (MPPS)

- S3748-6X-EI:178 MPPS
- S3748-6X-SI:178 MPPS
- S3748PB-6X-EI:178 MPPS
- S3748P-6X-SI:178 MPPS
- S3724-6X-EI:151 MPPS
- S3724-6X-SI:151 MPPS
- S3724PB-6X-EI:151 MPPS
- S3724P-6X-SI:151 MPPS
- S3724S-8T6X-EI:151 MPPS
- S3724S-8T6X-SI:151 MPPS
- S3708P-2X-SI:151 MPPS

S7500 Software Specifications

HOHUNET implements a unified software platform, and the software capabilities supported by the devices are listed in the document [‘HOS Software features’](#) .



- * All HOHUNET switches use a normalized software platform and image package file
- * Unified software version iteration plan
- * Unified user experience

Ordering Information

S3700 Series Switches

Items	Description
S3748-6X-EI	48 Ports Access Switch, with 48*1G Base-T , 6*10G SFP+,Dual power supply modules(C13), hot-swap fan modules.
S3748-6X-SI	48 Ports Access Switch, with 48*1G Base-T , 6*10G SFP+, Fixed power supply modules(C13), Fixed fans.
S3748PB-6X-EI	48 Ports Access Switch, with 48*1G POE++ Base-T , 6*10G SFP+,Dual power supply modules(C13), hot-swap fan modules.
S3748P-6X-SI	48 Ports Access Switch, with 48 x 1G BaseT (1-4prot PoE++,5-48port PoE+), 6*10G SFP+, Fixed power supply modules(C13), Fixed fans.
S3724-6X-EI	24 Ports Access Switch, with 24*1G Base-T , 6*10G SFP+,Dual power supply modules(C13), Fixed fans
S3724-6X-SI	24 Ports Access Switch, with 24*1G Base-T , 6*10G SFP+, Fixed power supply modules(C13), Fixed fans
S3724PB-6X-EI	24 Ports Access Switch, with 24*1G POE++ Base-T , 6*10G SFP+,Dual power supply modules(C13), hot-swap fan modules.
S3724P-6X-SI	24 Ports Access Switch, with 24 x 1G BaseT (1-4prot PoE++,5-24port PoE+), 6*10G SFP+, Fixed power supply modules(C13), Fixed fans.
S3724S-8T6X-EI	24 Ports Optical Access Switch, with 16*1G SFP+ , 8* 1G Combo Ports, 6*10G SFP+, Dual power supply modules(C13), hot-swap fan modules.
S3724S-8T6X-SI	24 Ports Access Switch, with 16*1G SFP+ , 8* 1G Combo Ports, 6*10G SFP+, Fixed power supply modules(C13), Fixed fans.
S3708P-2X-SI	8 Ports Access Switch, with 8*1G POE+ Base-T, 2*10G SFP+, Fixed power supply modules(C13), Fixed fan.

AC Power Supplies use for S3700

Items	Description
PSU-60-AC-AFO	S3700 Series 60W AC power supply (front-to-back airflow)
PSU-75-AC-AFO	S3700 Series 75W AC power supply (front-to-back airflow)
PSU-600-AC-AFO	S3700 Series 600W AC POE power supply (front-to-back airflow)
PSU-1200-AC-AFO	S3700 Series 1200W AC POE power supply (front-to-back airflow)

Software Licenses

Items	Description
Software License	EB, Basic L3 software features, Preinstalled
Software License	MS, L3 enhance features software license key, Optional
Software License	MA, MPLS features software license key, Optional
Software License	ST, Stacking feature software license key, Optional

Accessory of S3700 Series

Models	Front Mounting	Rear Mounting -A	Rear Mounting-B	Screw (M4)	Power Cord	Ground Cord	Console Cord (RJ45 to DB9)
S3748-6X-EI	2	2	2	12	2	1	1
S3748-6X-SI	2	/	/	12	1	1	1
S3748PB-6X-EI	2	2	2	12	2	1	1
S3748P-6X-SI	2	/	/	12	1	1	1
S3724-6X-EI	2	2	2	12	2	1	1
S3724-6X-SI	2	/	/	12	1	1	1
S3724PB-6X-EI	2	2	2	12	2	1	1
S3724P-6X-SI	2	/	/	12	1	1	1
S3724S-8T6X-EI	2	2	2	12	2	1	1
S3724S-8T6X-SI	2	/	/	12	1	1	1
S3708P-2X-SI	2	/	/	12	1	1	1

About HOHUNET:

HOHUNET was established in 2015 as a technology-oriented company specializing in the independent development of switch products based on domestic chips. With the continuous evolution of chip technology, HOHUNET has launched a range of differentiated products based on this chip platform. Currently, the company's product line covers a range from 1G to 800G and can be used in scenarios such as enterprise networks, carrier networks, data centers, and AI computing power. Currently, the main cooperation model for the company is OEM/ODM, dedicated to providing customers with flexible and end-to-end customized products and technical consulting services. Becoming the most trusted business partner for customers has always been the company's mission and principle.

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