

ZYXEL

Software Release Note NebulaFlex Switch XS1930 Series

Date: May 22, 2026

Zyxel NebulaFlex Switch XS1930 Series

V4.80(AB__.5)C0 Release Note

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This document describes the features in the XS1930 series for its 4.80(AB__.5)C0 release.

XS1930 series is a hybrid switch with NebulaFlex technology to support operation in either Standalone mode or Nebula cloud management mode.

Supported Platforms

Support Platform	FaOS Firmware version	Boot Version
Zyxel XS1930-10	V4.80(ABQE.5)C0	V1.00 08/26/2019
Zyxel XS1930-12HP	V4.80(ABQF.5)C0	V1.00 08/26/2019
Zyxel XS1930-12F	V4.80(ABZV.5)C0	V1.00 03/12/2021

New Feature and Enhancements

- 1.Optimized system stability and synchronization with Nebula to enhance overall device connectivity and management reliability.

Bug fix

Bug fix	Nebula	Standalone
1. [eITS # 250100440] DNS query fail cause cloud disconnect.	V	-
2. [eITS # 250302409] Fixed an issue that cannot connect to cloud due to uplink device MTU size too small	V	V
3. [eITS # 241200595] Fixed the issue that old MAC will not be deleted and be static after IP MAC move	V	V
4. [eITS # 250601371] Fixed an issue where ports	V	V

Bug fix	Nebula	Standalone
might fail to link up.		
5. [eITS # 240301652] Fixed an issue where copper ports could become unresponsive after an ESD event.	V	V
6. [eITS # 251100621] Fixed an incorrect display issue in the IPv6 prefix setup due to an Index ID and interface mismatch.	-	V
7. [eITS # 251200652] Fixed a failure to configure media type.	V	-
8. [eITS # 240801706] Fixed an issue where end devices failed to obtain a DHCP IP address when IP Source Guard was enabled with static binding entries that matched the entries of DHCP static table on the DHCP server.	V	V
9. [eITS# 250200836, 241200613] Resolved an issue where a frozen PoE status triggered false alarm log entries.	V	V

Known Issue

Known Issue	Nebula	Standalone
1. Link aggregation only can use 2 criteria at the same time. Trunks using the third criteria won't link up	-	V
2. Force 100M will not link up when connecting a straight-through RJ45 cable, please use crossover cable.	V	V
3. Ingress rate limit of TCP traffic is inaccurate when value limits above 300M.	V	V
4. The accuracy of cable diagnostic is +/- 15m. When without cables, the value of distance to fault would not be 0.	V	V
5. When EEE is enabled, frame lost via EEE port, which fixed speed at 5G or 2.5G.	-	V
6. The link LED will turn on when plug-in SFP100TX or SFP-1000T while cable is not connected.	V	V
7. When set port speed auto and the peer port is force 100Mbps, the link will up at 10Mbps Half.	V	V
8. The switch cannot access cluster member when cluster member's password been encrypted.	-	V
9. When auto-negotiation fails or recovery occurs, the switch does not record syslog nor send out SNMP traps.	V	V
10. [MIB]Get "dot1qTpGroupEgressPorts" and "dot1qTpGroupLearnt" are empty.	V	V
11. Unknown multicast drop cannot operate on group "0000:00xx", "ff0x::db8:0:0/96" for IPv6. Recommended work around	-	V

Known Issue	Nebula	Standalone
solution is to create static Multicast Forwarding entry with empty port for each multicast group that needs to be filtered. *		
12. We strongly recommend user to upgrade to the latest XS1930 firmware to have better protection for Switch with 10G port operation. In case of identify port failure on the switch, please follow RMA process to send the device for repair.	V	V

* Example to setup Static Multicast Forwarding entry with empty port:

Static Multicast Forwarding

Active	☒
Name	Mcast_Drop1
MAC Address	01:00:5e:00:00:01
VID	1
Port	← leave empty

AddCancelClear

Limitation of Settings:

Limitation of Setting	Nebula	Standalone
1. 802.1Q Static VLANs	1K	1K
2. Static MAC forwarding entry	-	256
3. MAC filtering entry	256	256
4. Static ARP entry	-	256
5. MAC table	16K	16K
6. IP address table	512	512
7. Multicast group	1K	1K
8. IPv4 ACL	128	128
9. IPv6 ACL		128
10. IPv4 Static route max entry	32	32
11. IPv6 Static route max entry	-	32
12. IPv4 interface	32	32
13. IPv6 interface	-	32
	10: 5	10: 5
14. Trunk groups	12HP/12F: 6	12HP/12F: 6
15. Per trunk group port number	8	8
16. MSTP instance	-	0-16
17. IGMP snooping VLAN	16	16
18. IGMP snooping unknown multicast drop VLAN	8	8
19. IGMP snooping unknown-multicast frame querier-port forwarding maximum VLAN	8	8

Change History

- V4.80(AB__.5) | 05/22/2026
- V4.80(AB__.4) | 08/12/2024
- V4.80(AB__.3) | 10/06/2023
- V4.80(AB__.2) | 06/28/2023
- V4.80(AB__.1) | 02/09/2023
- V4.80(AB__.0) | 12/26/2022
- V4.70(AB__.4) | 06/30/2022
- V4.70(AB__.3) | 05/06/2022
- V4.70(AB__.2) | 03/08/2022
- V4.70(AB__.1) | 12/22/2021
- V4.70(AB__.0) | 09/08/2021
- V4.60(ABQ_.5) | 04/08/2021
- V4.60(ABQ_.4) | 01/20/2021
- V4.60(ABQ_.2) | 09/29/2020
- V4.60(ABQ_.1) | 05/11/2020
- V4.60(ABQ_.0) | 01/14/2019
- V4.60(ABQ_.0) | 01/14/2019