



**Software Release Note**  
**NebulaFlex Switch XS1930 Series**

Date: March 8, 2022

# Zyxel NebulaFlex Switch XS1930 Series

## V4.70(AB\_\_.2)C0 Release Note

**Date: Mar. 8, 2022**

This document describes the features in the XS1930 series for its 4.70(AB\_\_.2)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	Firmware version	Boot Version
Zyxel XS1930-10	V4.70(ABQE.2)C0	V1.00   08/26/2019
Zyxel XS1930-12HP	V4.70(ABQF.2)C0	V1.00   08/26/2019
Zyxel XS1930-12F	V4.70(ABZV.2)C0	V1.00   03/12/2021

### New Feature and Enhancements

Smart fan enhancement to optimize fan speed for Switch operation under ordinary traffic condition

### Bug fix

Bug fix	Cloud	Standalone
None	-	-

### Known Issue

Known Issue	Cloud	Standalone
1. Ingress rate limit of TCP traffic is inaccurate when value limits above 300M.	V	V
2. The accuracy of cable diagnostic is +- 15m. When without cables, the value of distance to fault would not be 0.	V	V
3. When EEE is enabled, frame lost via EEE port, which fixed speed at 5G or 2.5G	-	V
4. The link LED will turn on when plug-in SFP-100TX or SFP-1000T while cable is not connected.	V	V
5. When set port speed auto and the peer port is force 100Mbps, the link will up at 10Mbps Half	V	V
6. Unknown multicast drop cannot operate on group "224.0.1.x", "239.x.x.x" for IPv4 and "0000:00xx", "ff0x::db8:0:0/96" for IPv6. Recommended work around solution is to create static Multicast Forwarding entry with empty port for each multicast group that needs to be filtered. *	-	V

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

Static Multicast Forwarding	
Active	<input checked="" type="checkbox"/>
Name	Mcast_Drop1
MAC Address	01:00:5e:00:00:01
VID	1
Port	<div style="border: 2px solid red; width: 150px; height: 20px; display: inline-block;"></div> ← leave empty

[Add](#) [Cancel](#) [Clear](#)

## Limitation of Settings:

Limitation of Setting	Cloud	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	10: 256 12HP/12F: 1K	10: 256 12HP/12F: 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
14. Trunk groups	10: 5 12HP/12F: 6	10: 5 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

## Change History

- 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