

ZYXEL

Software Release Note NebulaFlex Switch XGS2220 Series

Date: Feb. 02 2026

Zyxel NebulaFlex Switch XGS2220 Series

V5.00(A____.1)C0 Release Note

Date: Feb. 02, 2026

This document describes features in the XGS2220 series for its 5.00(A____.1)C0 release. XGS2220 series is a hybrid switch with NebulaFlex technology to support operation in either Standalone mode or Nebula cloud management mode.

Supported Platforms

Support Platform	ZyNOS Firmware version	Boot Version
Zyxel XGS2220-30	V5.00(ABXN.1)	V1.00 06/13/2022
Zyxel XGS2220-30F	V5.00(ABYE.1)	V1.00 06/13/2022
Zyxel XGS2220-30HP	V5.00(ABXO.1)	V1.00 06/13/2022
Zyxel XGS2220-54	V5.00(ABXP.1)	V1.00 06/13/2022
Zyxel XGS2220-54HP	V5.00(ABXQ.1)	V1.00 06/13/2022
Zyxel XGS2220-54FP	V5.00(ACCE.1)	V1.00 06/13/2022

New Feature and Enhancements

N/A

Bug fix

Bug fix	Nebula	Standalone
1. [eITS#250700551] Fixed an issue where multicast streams could fail to be forwarded to IGMP snooping group member ports.	V	V
2. [eITS#250700317] Fixed an issue where port speed 100M-full options was missing for stack member ports.	V	V
3. [eITS#250700317] Fixed a trunk failover issue where traffic was incorrectly sent to defunct member ports after a stack takeover.	V	V
4. [eITS#250900520] Special characters in the port name cause the port information to appear blank on the Dashboard.	V	V
5. [eITS#251001289] Fixed an issue where Outgoing PPPoE IA packets failed to retain outer VLAN tags applied via QinQ VLAN.	V	V
6. [eITS#251000674] Fixed an issue where downloading the tech-support file could result in an "Object Not Found" error.	V	V
7. [eITS#250800353] [eITS#251001409] Fixed MAC frequently move in different port to causing CPU high or hang issue in Stacking.	V	V

Known Issue

Known Issue	Nebula	Standalone
1. The switch cannot access cluster member when cluster member's password been encrypted.	-	V
2. The link LED will turn on when plug-in SFP-100TX or SFP-1000T while cable is not connected.	V	V
3. User cannot do cable-diagnostic when the link speed is 10M.	V	V
4. When auto-negotiation fails or recovery occurs, the switch does not record syslog nor send out SNMP traps.	V	V
5. To execute port test on multi-G port, the port speed will be re-negotiation from the highest speed.	-	V
6. Only 2 criteria of link aggregation can be used at the same time. The third criteria set on trunks will not be implemented, but follow the first criteria. - For Stacking mode, "src-dst-MAC" is the first criteria already used by the stacking ports.	-	V
7. Enabling "Unknown Multicast Drop" in IGMP Snooping will cause the ZON Utility to be unable to discover Zyxel devices.	V	V
8. When the switch's L3 forwarding table contains a large number of IPv4/IPv6 entries, performing SNMP queries on ipNetToMediaTable and ipNetToPhysicalTable may cause high CPU usage.	V	V
9. ZON utility show the wrong message when it reset the switch to the default setting.	V	V

Limitation of Settings:

Limitation of Setting	Nebula	Standalone
1. 802.1Q Static VLANs	1K	4K
2. Static MAC forwarding entry	-	256
3. MAC filtering entry	256	256
4. Cluster member	-	24*
5. IP routing domain	32	32
6. IGMP Filtering entry	256	256
7. IGMP MVR entry	-	256
8. Protocol based VLAN entries per port	-	7
9. Port-security max address-limit number	16K	32K
10. Syslog server entry	2	4
11. IP source guard entry	128	512
12. IP subnet based VLAN entry	-	16
13. MVR VLAN entry	-	5
14. VLAN-stacking Selective QinQ entry	-	128
15. VLAN -mapping entry	-	128
16. MAC table	32K	32K
17. Routing table	64	64
18. DHCP snooping binding table	-	16K
19. Multicast group	1K	1K
20. ACL	128	384
21. DHCP option 82 profile	-	130
22. static ARP entry	-	256
23. Static route max entry	64	64
24. MAC-based VLAN	-	512
25. Voice VLAN OUI entry	6	10
26. ZON neighbor per-port maximum clients	-	10
27. IPv6 source guard binding table	-	50
28. Queue	6	8
29. IP table	2K	2K
30. IPv6 neighbor Table	-	2K

*Do not support it in stacking mode.

Change History

- V5.00(A____.1) | 02/02/2026
- V5.00(A____.0) | 07/07/2025
- V4.80(A____.4) | 04/11/2024
- V4.80(A____.3) | 02/19/2024
- V4.80(A____.2) | 08/11/2023
- V4.80(A____.1) | 12/14/2022
- V4.80(A____.0) | 11/21/2022