

DX5401-B0/DX5401-B1/EX5401-B0/EX5401-B1 Generic

Firmware Release Note

V5.17(ABYO.6.4)C0

Date: Oct 4, 2024
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TABLE OF CONTENTS

REVISION HISTORY	3
SUPPORTED PLATFORMS:	5
VERSIONS:	5
NOTES:	5
KNOWN ISSUES	6
NOTIFICATION	6
MODIFICATIONS IN V5.17(ABYO.6.4)C0.....	6
MODIFICATIONS IN V5.17(ABYO.6.4)B1	6
MODIFICATIONS IN V5.17(ABYO.6.3)C0.....	7
MODIFICATIONS IN V5.17(ABYO.6.3)B1	7
MODIFICATIONS IN V5.17(ABYO.6.2)C0.....	7
MODIFICATIONS IN V5.17(ABYO.6.2)B1	7
MODIFICATIONS IN V5.17(ABYO.6.1)C0.....	7
MODIFICATIONS IN V5.17(ABYO.6.1)B1	8
MODIFICATIONS IN V5.17(ABYO.6)C0.....	8
MODIFICATIONS IN V5.17(ABYO.6)B4	8
MODIFICATIONS IN V5.17(ABYO.6)B3	8
MODIFICATIONS IN V5.17(ABYO.6)B2	8

Revision History

Date	Release	Author	Description
2020/10/23	1.0	Emily Chang	V5.17(ABYO.0)b1
2020/12/04	1.1	Emily Chang	V5.17(ABYO.0)b2
2021/01/13	1.2	Emily Chang	V5.17(ABYO.0)b3
2021/03/12	1.3	Emily Chang	V5.17(ABYO.0)b4
2021/03/26	1.4	Emily Chang	V5.17(ABYO.0)b5
2021/04/26	1.5	Emily Chang	V5.17(ABYO.0)b6
2021/04/26	1.6	Emily Chang	V5.17(ABYO.0)C0
2021/04/26	2.0	Emily Chang	V5.17(ABYO.1)b2
2021/05/21	2.1	Emily Chang	V5.17(ABYO.1)b3
2021/06/18	2.2	Emily Chang	V5.17(ABYO.1)b4
2021/10/15	3.0	Tom Fang	V5.17(ABYO.2)b1
2021/12/29	3.1	Tom Fang	V5.17(ABYO.2)b2
2022/03/10	3.2	Tom Fang	V5.17(ABYO.2)b3
2022/04/26	3.3	Tom Fang	V5.17(ABYO.2)b4
2022/05/13	3.5	Tom Fang	V5.17(ABYO.2)b5
2022/08/03	3.7	Tom Fang	V5.17(ABYO.2)b6
2022/08/22	4.0	Tom Fang	V5.17(ABYO.2)C0
2022/04/27	3.4	Ryan Yeh	V5.17(ABYO.3)b1
2022/06/27	3.6	Tom Fang	V5.17(ABYO.3)b2
2022/08/22	3.9	Tom Fang	V5.17(ABYO.3)b3
2022/09/12	4.1	Tom Fang	V5.17(ABYO.3)C0
2022/08/12	3.8	Tom Fang	V5.17(ABYO.4)b1
2022/09/19	4.2	Ryan Yeh	V5.17(ABYO.4)b2
2022/11/01	4.3	Ryan Yeh	V5.17(ABYO.4)b3
2023/01/03	4.4	Ryan Yeh	V5.17(ABYO.4)b4
2023/02/15	4.5	Ryan Yeh	V5.17(ABYO.4)b5
2023/04/21	4.6	Ryan Yeh	V5.17(ABYO.4)b6
2023/05/02	4.7	Ryan Yeh	V5.17(ABYO.4)C0
2023/04/28	4.8	Ryan Yeh	V5.17(ABYO.5)b2
2023/06/16	4.9	Ryan Yeh	V5.17(ABYO.5)b3

2023/07/28	4.10	Ryan Yeh	V5.17(ABYO.5)b4
2023/08/11	4.11	Ryan Yeh	V5.17(ABYO.5)b5
2023/08/25	4.12	Ryan Yeh	V5.17(ABYO.5)C0
2023/12/15	5.1	Ryan Yeh	V5.17(ABYO.6)b2
2024/03/01	5.2	Ryan Yeh	V5.17(ABYO.6)b3
2024/03/29	5.3	Ryan Yeh	V5.17(ABYO.6)b4
2024/04/24	5.4	Ryan Yeh	V5.17(ABYO.6)C0
2024/05/29	5.5	Ryan Yeh	V5.17(ABYO.6.1)b1
2024/05/29	5.6	Ryan Yeh	V5.17(ABYO.6.1)C0
2024/06/28	5.7	Ryan Yeh	V5.17(ABYO.6.2)b1
2024/06/28	5.8	Ryan Yeh	V5.17(ABYO.6.2)C0
2024/08/01	5.9	Ryan Yeh	V5.17(ABYO.6.3)b1
2024/08/01	5.10	Ryan Yeh	V5.17(ABYO.6.3)C0
2024/10/04	5.11	Ryan Yeh	V5.17(ABYO.6.4)b1
2024/10/04	5.12	Ryan Yeh	V5.17(ABYO.6.4)C0

ZYXEL DX5401-B0/DX5401-B1/EX5401-B0/EX5401-B1 V5.17(ABYO.6.4)C0 Release Note

Date: Oct 4, 2024

Supported Platforms:

ZYXEL DX5401-B0/DX5401-B1/EX5401-B0/EX5401-B1
DX/EX5401-B1 only supports versions since phase 3.

Versions:

Bootbase version: V1.69 | 08/10/2023 16:58:22
Firmware version : V5.17(ABYO.6.4)C0
Kernel version: 4.1.52
DSL modem code version: A2pvfbH045o
DSL driver version: d27j
WLAN version: 17.10.188.75 (r811021) [ec47fb4a] FWID 01-6584eef9
3G dongle WWAN package version: 1.24

Notes:

Linux console:
uname -a
adsl --version
wl ver
wwanpackage info

Known issues

Notification

1. OpenSSL 3.1.2 Upgrade Notification

The certificates signed using SHA1 or older/weaker hashes are no longer supported for authenticating servers or clients.

Before upgrading the firmware:

- Please ensure that certificates in your devices are not using weak hashes.
- If weak hashes are detected, kindly update and verify your certificates promptly with stronger hash
(The minimum recommended hash is SHA256)

Modifications in V5.17(ABYO.6.4)C0

Based on V5.17(ABYO.6.4)b1 to release V5.17(ABYO.6.4)C0

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.17(ABYO.6.4)b1

Based on V5.17(ABYO.6.3)C0 to release V5.17(ABYO.6.4)b1

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [CVE-2024-9197][Zyxel-SI-1583][Vulnerability] Buffer overflow and potential command injection vulnerabilities in VMG3625-T50B (Medium)
2. [CVE-2024-8748][Zyxel-SI-1576][Vulnerability] Unauthenticated buffer overflow in VMG8825-T50

Modifications in V5.17(ABYO.6.3)C0

Based on V5.17(ABYO.6.3)b1 to release V5.17(ABYO.6.4)b1

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.17(ABYO.6.3)b1

Based on V5.17(ABYO.6.2)C0 to release V5.17(ABYO.6.3)b1

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.17(ABYO.6.2)C0

Based on V5.17(ABYO.6.2)b1 to release V5.17(ABYO.6.2)C0

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.17(ABYO.6.2)b1

Based on V5.17(ABYO.6.1)C0 to release V5.17(ABYO.6.2)b1

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [CVE-2024-38266,38267,38268,38269][Zyxel-SI-1559][Vulnerability]
Multiple authenticated buffer overflow vulnerabilities

Modifications in V5.17(ABYO.6.1)C0

Based on V5.17(ABYO.6.1)b1 to release V5.17(ABYO.6.1)C0

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.17(ABYO.6.1)b1

Based on V5.17(ABYO.6)C0 to release V5.17(ABYO.6.1)b1

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [CVE-2024-5412][Zyxel-SI-1557][Vulnerability] Unauthenticated heap buffer overflow in the libclinkc library

Modifications in V5.17(ABYO.6)C0

Based on V5.17(ABYO.6)b4 to release V5.17(ABYO.6)C0

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.17(ABYO.6)b4

Based on V5.17(ABYO.6)b3 to release V5.17(ABYO.6)b4

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.17(ABYO.6)b3

Based on V5.17(ABYO.6)b2 to release V5.17(ABYO.6)b3

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [CVE-2024-0816][Zyxel-SI-1536] [Vulnerability] Buffer overflow vulnerability in the "traceroute" command

Modifications in V5.17(ABYO.6)b2

Based on new Generic branch to release V5.17(ABYO.6)b2

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [CVE-2023-37929][Zyxel-SI-1506][Vulnerability] Post-authentication buffer overflow
2. [CVE-2011-5053][Zyxel-SI-1498][Vulnerability] WPS vulnerability on CPE in WLAN