

WX5600-T0 Generic

Firmware Release Note

V5.70(ACEB.4)C0

Date: Feb 25, 2025

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Reviewer:

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TABLE OF CONTENTS

REVISION HISTORY..... 3

SUPPORTED PLATFORMS:..... 4

VERSIONS: 4

NOTES:..... 4

KNOWN ISSUES..... 7

MODIFICATIONS IN 5.70(ACEB.4)C0..... 7

MODIFICATIONS IN 5.70(ACEB.4)B3..... 7

MODIFICATIONS IN 5.70(ACEB.4)B2..... 8

MODIFICATIONS IN 5.70(ACEB.4)B1..... 8

Revision History

Date	Release	Author	Description
2022/04/06	1.0	Yumi Wu	FW release for V5.70(ACEB.0)b1
2022/05/12	1.1	Yumi Wu	FW release for V5.70(ACEB.0)b2
2022/06/02	1.2	Yumi Wu	FW release for V5.70(ACEB.0)b3
2022/06/22	1.3	Yumi Wu	FW release for V5.70(ACEB.0)b4
2022/07/29	1.4	Yumi Wu	FW release for V5.70(ACEB.0)b5
2022/08/17	1.5	Yumi Wu	FW release for V5.70(ACEB.0)C0
2022/09/27	2.0	Yumi Wu	FW release for V5.70(ACEB.1)b1
2022/11/04	2.1	Yumi Wu	FW release for V5.70(ACEB.1)b2
2022/11/21	2.2	Yumi Wu	FW release for V5.70(ACEB.1)b3
2022/12/09	2.3	Yumi Wu	FW release for V5.70(ACEB.1)C0
2023/02/24	3.0	Yumi Wu	FW release for V5.70(ACEB.2)b1
2023/04/28	3.1	Yumi Wu	FW release for V5.70(ACEB.2)b2
2023/06/16	3.2	Yumi Wu	FW release for V5.70(ACEB.2)b3
2023/08/02	3.3	Frank Chang	FW release for V5.70(ACEB.2)b4
2023/09/01	3.4	Frank Chang	FW release for V5.70(ACEB.2)b5
2023/09/18	3.5	Frank Chang	FW release for V5.70(ACEB.2)C0
2023/10/20	3.6	Frank Chang	FW release for V5.70(ACEB.3)b1
2023/12/15	3.7	Frank Chang	FW release for V5.70(ACEB.3)b2
2024/3/1	3.8	Frank Chang	FW release for V5.70(ACEB.3)b3
2024/4/3	3.9	Frank Chang	FW release for V5.70(ACEB.3)b4
2024/4/19	3.10	Frank Chang	FW release for V5.70(ACEB.3)b5
2024/4/24	3.11	Frank Chang	FW release for V5.70(ACEB.3)C0
2024/5/29	3.12	Frank Chang	FW release for V5.70(ACEB.3.1)b1
2024/5/30	3.13	Frank Chang	FW release for V5.70(ACEB.3.1)C0
2024/7/5	3.14	Frank Chang	FW release for V5.70(ACEB.3.2)b1
2024/7/5	3.15	Frank Chang	FW release for V5.70(ACEB.3.2)C0
2024/7/31	3.16	Frank Chang	FW release for V5.70(ACEB.4)b1
2024/11/1	3.17	Frank Chang	FW release for V5.70(ACEB.4)b2
2025/1/3	3.18	Frank Chang	FW release for V5.70(ACEB.4)b3
2025/2/25	3.19	Frank Chang	FW release for V5.70(ACEB.4)C0

WX5600-T0 Generic V5.70(ACEB.4)C0 Release Note

Date: Feb 25, 2025

Supported Platforms:

Zyxel WX5600-T0

Versions:

Bootbase version : V3.1 | 01/03/2025 13:45:19

Firmware version : V5.70(ACEB.4)C0

Kernel version: 5.4.171

WLAN code version: 7.6.2.5

Notes:

Public Domain Software Announcements

Open Source Used In Product	Version	From (Source)	License Terms	Modified / Used
attr	2.4.48	http://savannah.nongnu.org/projects/attr	GPLv2	Used
atftp	0.7.4	https://sourceforge.net/projects/atftp/	GPLv2	Modified
bridge-Utils	1.7	https://git.kernel.org/pub/scm/linux/kernel/git/shemminger/bridge-utils.git/	GPLv2	Modified
busybox	1.31.1	https://busybox.net/	GPLv2	Modified
clinkc	2.4	https://sourceforge.net/projects/clinkc/	BSD	Modified
conntrack-tools	1.4.6	https://git.netfilter.org/conntrack-tools/	GPLv2	Used
dnsmasq	2.67	http://www.thekelleys.org.uk/dnsmasq/doc.html	GPLv2/GPLv3	Modified
dropbear	2020.81	https://github.com/mkj/dropbear	MIT	Modified
eatables	2018-06-27-48c5d	https://git.netfilter.org/eatables/	GPLv2	Modified
eventlog	0.2.10	https://github.com/balabit/eventlog	BSD	Used
expat	2.2.10	https://github.com/libexpat/libexpat	MIT	Used
ez-ipupdate	3.0.11b8	http://ez-ipupdate.com/	GPLv2	Modified
gettext	0.19.8.1	http://www.gnu.org/software/gettext/	GPLv2	Used
glib	2.66.4	http://www.gtk.org/	LGPLv2	Used
iproute2	5.11.0	https://github.com/shemminger/iproute2	GPLv2	Modified
iptables	1.8.7	https://git.netfilter.org/iptables/	GPLv2	Modified
jpegsrvc	v9a	http://www.iijg.org/	IJG	Used
json-c	0.15	https://github.com/json-c/json-c/downloads	MIT	Modified
libedit	20210419-3.1	http://pkgs.fedoraproject.org/repo/pkgs/libedit/libedit-20080712-2.11.tar.gz/	BSD	Modified
libffi	3.3	http://pkgs.fedoraproject.org/repo/pkgs/libffi/libffi-3.0.11.tar.gz/	MIT	Used
libiconv	1.16	http://www.gnu.org/software/libiconv/	LGPLv2	Modified
libnetfilter_conntrack	1.0.8	https://git.netfilter.org/libnetfilter_conntrack/	GPLv2	Used
libnetfilter_queue	1.0.5	https://git.netfilter.org/libnetfilter_queue/	GPLv2	Used

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libnfnetwork	1.0.1	https://git.netfilter.org/libnfnetwork/	GPLv2	Used
libnl-tiny	2020-08-05-c291088f	https://github.com/openwrt/openwrt/tree/master/package/libs/libnl-tiny	GPLv2/LGPLv2.1	Used
libpcap	1.9.1	www.tcpdump.org	BSD	Used
libtool	2.4.6	http://www.gnu.org/software/libtool/	GPLv2	Used
libusb	1.0.9	https://sourceforge.net/projects/libusb/	LGPL 2.1	Used
libstrophe	0.10.0	https://github.com/strophe/libstrophe	GPLv2	Used
Linux/Arm Kernel	5.4.171			Modified
logrotate	3.17.0	https://launchpad.net/ubuntu/hardy/i386/logrotate/	GPLv2	Modified
mailsend	1.19	https://github.com/muquit/mailsend/	BSD	Modified
ncurses	6.2	http://ftp.gnu.org/pub/gnu/ncurses/	MIT	Modified
net-snmp	5.8	http://www.net-snmp.org/	ISC/BSD	Modified
ntfs-3g	2013.1.13	http://ntfs-3g.org	GPLv2/LGPLv2	Used
ntpclient	2015	http://doolittle.icarus.com/ntpclient/	GPLv2	Modified
openssl	1.1.1f	http://www.openssl.org	OpenSSL	Modified
popt	1.16	http://rpm5.org/files/popt/	MIT	Modified
ppp	2.4.3	http://www.roaringpenguin.com/pppoe	GPLv2/BSD	Modified
pure-ftpd	1.0.30	http://pureftpd.org	ISC/BSD	Modified
radvd	1.8	http://www.litech.org/radvd/	BSD	Used
readline	8.1	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html	GPLv2	Used
samba	3.6.25	http://www.samba.org/samba/	GPLv3	Modified
sqlite	3330000	http://www.sqlite.org/	Public Domain License	Used
syslog-ng	2.0.10	https://github.com/balabit/syslog-ng	GPLv2	Used
tcpdump	4.9.3	http://www.tcpdump.org/	BSD	Used
udhcp	0.9.8	http://udhcp.busybox.net/	GPLv2	Modified
usb-modeswitch	2.1.0	http://www.draisberghof.de/usb_modeswitch/	GPLv2	Used
util-linux	2.36.1	https://github.com/karelzak/util-linux/	GPLv2	Used
wide-dhcpv6	20080615	https://sourceforge.net/projects/wide-dhcpv6/	BSD	Modified

zebra	0.93a	http://www.zebra.org/	GPLv2/LGPLv2	Used
zlib	1.2.11	https://github.com/madler/zlib	zlib	Used

Known issues

Modules	Issue	Risk Impact Information

Modifications in 5.70(ACEB.4)C0

Based on V5.70(ACEB.4)b3 to release V5.70(ACEB.4)C0

● Feature Enhancement

Modified Modules	Features Enhancement List

● Bug Fixed

Modified Modules	Bug Fixed List

Modifications in 5.70(ACEB.4)b3

● Feature Enhancement

Modified Modules	Features Enhancement List

● Bug Fixed

Modified Modules	Bug Fixed List
Security	1. [#225293] Zyxel-SI-1592 [Vulnerability] Post-authentication command injection vulnerability in the email sending function

	2. [#225285] Zyxel-SI-1591 [Vulnerability] Post-authentication command injection vulnerability in the function "ZyEE"
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Modifications in 5.70(ACEB.4)b2

● Feature Enhancement

Modified Modules	Features Enhancement List
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● Bug Fixed

Modified Modules	Bug Fixed List
Wireless	1. [#220465] [CVE-2024-20017] Improper input validation in wlan service
Security	1. [#220464] [CVE-2024-9197] Zyxel-SI-1583 [Vulnerability] Buffer overflow and potential command injection vulnerabilities in VMG3625-T50B (Medium) 2. [#220463] [CVE-2024-8748] [Zyxel-SI-1576] [Vulnerability] Unauthenticated buffer overflow in VMG8825-T50

Modifications in 5.70(ACEB.4)b1

● Feature Enhancement

Modified Modules	Features Enhancement List
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● Bug Fixed

Modified Modules	Bug Fixed List
Security	1. [#215733] [CVE-2024-5412][Zyxel-SI-1557][Vulnerability] Unauthenticated heap buffer overflow in the libclinkc library. 2. [#215744] [CVE-2024-38266, 38267, 38268, 38269][Zyxel-SI-1559] Multiple authenticated buffer overflow vulnerabilities