GM4100-B0

Firmware Release Note

V5.18(ACCL.3)C0

Date: Sep 16, 2026

Author: Wade Ho
Reviewer: Howard

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Revision History

Date	Release	Author	Description
2021/12/07	1.0	CHI-HAO	FW release for V5.18(ACCL.0)b1
2022/02/11	2.0	CHI-HAO	FW release for V5.18(ACCL.0)b2
2022/05/11	2.1	CHI-HAO	FW release for V5.18(ACCL.0)b3
2022/08/05	2.2	CHI-HAO	FW release for V5.18(ACCL.0)b4
2022/12/02	2.3	Stanley Chung	Release for V5.18(ACCL.0)b5
2022/12/02	2.4	Stanley Chung	Release for V5.18(ACCL.0)b5_D0 (Ext Ver: V5.19.b)
2023/02/10	2.5	Stanley Chung	Release for V5.18(ACCL.0)b6
2023/02/10	2.6	Stanley Chung	Release for V5.18(ACCL.0)b6_D0 (Ext Ver: V5.27)
2023/03/24	2.7	Stanley Chung	Release for V5.18(ACCL.0)b7
2023/06/19	2.8	Stanley Chung	Release for V5.18(ACCL.0)b8
2024/03/15	2.9	Stanley Chung	Release for V5.18(ACCL.0)b9
2024/04/03	3.0	Stanley Chung	Release for V5.18(ACCL.0)C0
2024/04/29	3.1	Stanley Chung	Release for V5.18(ACCL.1)b1
2024/05/17	3.2	Stanley Chung	Release for V5.18(ACCL.1)b2
2024/06/21	3.3	Stanley Chung	Release for V5.18(ACCL.1)b3
2024/08/09	3.4	Stanley Chung	Release for V5.18(ACCL.1)b4
2025/05/26	3.5	Stanley Chung	Release for V5.18(ACCL.1)b5
2025/06/12	3.6	Stanley Chung	Release for V5.18(ACCL.1)C0
2025/09/19	3.7	Stanley Chung	Release for V5.18(ACCL.2)b1
2025/09/25	3.8	Stanley Chung	Release for V5.18(ACCL.2)b2
2025/11/04	3.9	Stanley Chung	Release for V5.18(ACCL.2)b3
2025/12/17	4.0	Stanley Chung	Release for V5.18(ACCL.2)b4
2026/01/09	4.1	Stanley Chung	Release for V5.18(ACCL.2)C0
2026/03/06	4.1.1	Stanley Chung	Release for V5.18(ACCL.2.1)b1
2026/03/06	4.1.2	Stanley Chung	Release for V5.18(ACCL.2.1)C0
2026/05/25	4.1.3	Wade Ho	Release for V5.18(ACCL.2.2)b1
2026/08/28	4.2	Stanley Chung	Release for V5.18(ACCL.3)b1
2026/09/16	4.2.1	Wade Ho	Release for V5.18(ACCL.3)b2
2026/09/16	4.2.2	Wade Ho	Release for V5.18(ACCL.3)C0

GM4100-B0
V5.18(ACCL.3)C0
Release Note

Date: Sep. 16, 2026

Supported Platforms:

Zyxel GM4100-B0

Versions:

Bootbase version : V2.1 | 09/15/2026 16:56:52
Firmware version : V5.18(ACCL.3)C0
Kernel version : 4.19.183
DSL modem code version: ApvfbM49c
DSL driver version: 28h

Notes:

Public Domain Software Announcements

Open Source Used In Product	Version	From (Source)	License Terms	Modified / Used
attr	2.5.1	http://savannah.nongnu.org/projects/attr	GPLv2	Used
atftp	0.7.4	https://sourceforge.net/projects/atftp/	GPLv2	Modified
bridge-Utils	1.7.1	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	1.4.5	https://git.netfilter.org/conntrack-tools/	GPLv2	Used
dnsmasq	2.85	http://www.thekelleys.org.uk/dnsmasq/doc.html	GPLv2/GPLv3	Modified
dropbear	2019.78	https://github.com/mkj/dropbear	MIT	Modified
ebtables	018-06-27-48cff25d	https://git.netfilter.org/ebtables/	GPLv2	Modified
eventlog	0.2.10	https://github.com/balabit/eventlog	BSD	Used
expat	2.7.1	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/	GPLv3	Used
glib	2.68.1	http://www.gtk.org/	LGPLv2.1	Used
iproute2	5.7.0	https://github.com/shemminger/iproute2	GPLv2	Modified
iptables	1.8.5	https://git.netfilter.org/iptables/	GPLv2	Modified
jpegsrc	v9c	http://www.ijg.org/	IJG	Used
json-c	0.13.1	https://github.com/json-c/json-c/downloads	MIT	Modified
libedit	20080712-2.11	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	1.11.1	http://www.gnu.org/software/libiconv/	LGPLv2	Modified
libnetfilter_conntrack	1.0.7	https://git.netfilter.org/libnetfilter_conntrack/	GPLv2	Used
libnetfilter_qu	1.0.3	https://git.netfilter.org/libnetfilter_queue/	GPLv2	Used

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libnfnetlink	1.0.1	https://git.netfilter.org/libnfnetlink/	GPLv2	Used
libnl-tiny	0.1	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
Linux/Arm Kernel	4.19.183		GPLv2	Modified
logrotate	3.7.1	https://launchpad.net/ubuntu/hardy/i386/logrotate/	GPLv2	Modified
mailsend	1.17b15	https://github.com/muquit/mailsend/	BSD	Modified
ncurses	6.1	http://ftp.gnu.org/pub/gnu/ncurses/	MIT	Modified
net-snmp	5.8	http://www.net-snmp.org/	ISC/BSD	Modified
ntfs-3g	2017.3.23-2	http://ntfs-3g.org	GPLv2/LGPLv2	Used
ntpclient	2007_365	http://doolittle.icarus.com/ntpclient/	GPLv2	Modified
openssl	1.1.1t	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	8.0	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html	GPLv2	Used
samba	3.0.37	http://www.samba.org/samba/	GPLv3	Modified
sqlite	3310100	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	2.34	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 5.18(ACCL.3)C0

- **Feature Enhancement**

Modified Modules	Features Enhancement List
	Based on v5.18(ACCL.3)b2 to release v5.18(ACCL.3)C0

- **Bug Fixed**

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.3)b2

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
Vulnerability	[CVE-2026-79614] Zyxel-SI-1692 [Vulnerability] Pre-authentication out-of-bounds write vulnerability in libclinkc

Modifications in 5.18(ACCL.3)b1

- Feature Enhancement

Modified Modules	Features Enhancement List

- Bug Fixed

Modified Modules	Bug Fixed List
Vulnerability	[CVE-2026-12489] Zyxel-SI-1680 [Vulnerability] GUI access to restricted menu pages vulnerability

Modifications in 5.18(ACCL.2.2)b1

- Feature Enhancement

Modified Modules	Features Enhancement List
TR-69	[eITS#260300613][Drei][GM4100B0-11] EtherWAN - (LAN2) MGMT VLAN (31) Provisioning requirements
	[eITS#260301124][Drei][GM4100] Apply Same Password Restriction via TR-069 as GUI

- Bug Fixed

Modified Modules	Bug Fixed List
Vulnerability	Zyxel-SI-1666 [Vulnerability] A post-authentication command injection vulnerability exists in the syslog component
	[CVE-2026-2291, CVE-2026-4890, CVE-2026-4891, CVE-2026-4892, CVE-2026-4893] Zyxel-SI-1675 [Vulnerability] Multiple vulnerabilities in dnsmasq
System	[eITS#260401956][Studerus] Test report Swisscm chipset code '14' missing GM4100-B0

Modifications in 5.18(ACCL.2.1)C0

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
Vulnerability	Based on v5.18(ACCL.2.1)b1 to release v5.18(ACCL.2.1)C0

Modifications in 5.18(ACCL.2.1)b1

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
Vulnerability	[CVE-2026-1460] Zyxel-SI-1653 [Vulnerability] post-authentication command injection vulnerability in the DomainName parameter of the DHCP configuration file

Modifications in 5.18(ACCL.2)C0

- **Feature Enhancement**

Modified Modules	Features Enhancement List
	Based on v5.18(ACCL.2)b4 to release v5.18(ACCL.2)C0

- **Bug Fixed**

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.2)b4

- **Feature Enhancement**

Modified Modules	Features Enhancement List
Vulnerability	[Zyxel-SI-1644][Vulnerability] Command injection vulnerabilities in zupnp and zhttpd binaries in customized firmware of the EX3301-T0

- **Bug Fixed**

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.2)b3

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified	Bug Fixed List

Modules	
Vulnerability	[Zyxel-SI-1638][Vulnerability] Multiple potential null pointer dereference vulnerabilities in the CGI program
Vulnerability	[CVE-2025-6599] Zyxel-SI-1616 [Vulnerability] Slow HTTP DoS vulnerability in the DX3301-T0
Vulnerability	[CVE-2025-6599] Zyxel-SI-1621 [Vulnerability] Slow read DoS vulnerability on the zhttpd web server
Vulnerability	[CVE-2025-8693] Zyxel-SI-1624 [Vulnerability] A post-authentication command injection vulnerability in the certificate upload CGI program of DX3300-T0 and VMG3925-B10B

Modifications in 5.18(ACCL.2)b2

- Feature Enhancement

Modified Modules	Features Enhancement List
xDSL	Upgrade modem code and DSL driver to ApvfbM49c.28h

- Bug Fixed

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.2)b1

- Feature Enhancement

Modified Modules	Features Enhancement List
System	Release FW for H0/F0

- Bug Fixed

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.1)C0

- Feature Enhancement

Modified Modules	Features Enhancement List
	Based on v5.18(ACCL.1)b5 to release v5.18(ACCL.1)C0

- Bug Fixed

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.1)b5

- Feature Enhancement

Modified Modules	Features Enhancement List
WEB	WEB GUI meets the request of Europe EAA (European Accessibility Act)

- Bug Fixed

Modified Modules	Bug Fixed List
EXPAT	Zyxel-SI-1605 [Vulnerability] The libexpat open source library is vulnerable to DoS attacks through stack overflow
DST	[System] Follow DST, TR-069 "Validate ACS certificate" should be enabled by default.
WAN	[WAN] CPE WAN can not get IPv6 address because of there is no IANA and IAPD in Solicit packet
WAN	[WAN] CPE and LAN Client can not get IP address when CPE linkup with ADSL
DST	[System] The DST file and GUI are not match to each other

Modifications in 5.18(ACCL.1)b4

- Feature Enhancement

Modified Modules	Features Enhancement List
WEB	[eITS#240701511] Quick Start Wizard works not correct GM4100-B0

- Bug Fixed

Modified Modules	Bug Fixed List
Security	[CVE-2024-38266, 38267, 38268, 38269][Zyxel-SI-1559] Multiple authenticated buffer overflow vulnerabilities

Modifications in 5.18(ACCL.1)b3

- Feature Enhancement

Modified Modules	Features Enhancement List

- Bug Fixed

Modified Modules	Bug Fixed List
Vulnerability	[eITS#240600627][A1][Mantis-7312] Vulnerability - Zyxel SI-1557
Vulnerability	[eITS#240600626][A1][Mantis-7311] Vulnerability - Zyxel SI-1559

Modifications in 5.18(ACCL.1)b2

- Feature Enhancement

Modified Modules	Features Enhancement List
WAN	Support multiple DSL phy binary file in system

- **Bug Fixed**

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.1)b1

- **Feature Enhancement**

Modified Modules	Features Enhancement List
WAN	[eITS#230901184][DT] Synch values are too low on some modems in the 48 cable

- **Bug Fixed**

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.0)C0

- **Feature Enhancement**

Modified Modules	Features Enhancement List
	Based on v5.18(ACCL.0)b9 to release v5.18(ACCL.0)C0

- **Bug Fixed**

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.0)b9

- Feature Enhancement

Modified Modules	Features Enhancement List
WEB	[eITS#231001973] translation in Germany

- Bug Fixed

Modified Modules	Bug Fixed List
System	[System] In CLI mode, lack Product Model information after key in "sys atsh"
LAN	[eITS#230301803] Test Bridge works no longer GM 4100-B0
WEB	[eITS#231001083] on basic overview page the device is showing "interrupted connection" though VDSLsync is actually present
TR069	[eITS#240200035] TR69 ACS URL option43 will trigger Firmware update GM4100-B0
Security	[Vulnerability][Zyxel-SI-1536] Buffer overflow vulnerability in the "traceroute"

Modifications in 5.18(ACCL.0)b8

- Feature Enhancement

Modified Modules	Features Enhancement List

- Bug Fixed

Modified Modules	Bug Fixed List
	[Vulnerability] OpenSSL multiple vulnerabilities

Modifications in 5.18(ACCL.0)b7

- **Feature Enhancement**

Modified Modules	Features Enhancement List
Zloader	Add password keys recovery mechanism to avoid system operation issues when upgrading older FW(before 0b4) to a new one.

- **Bug Fixed**

Modified Modules	Bug Fixed List
DSL Drivers	Modify the DSL driver and have the DSL software version could be shown on DSLAM properly. Version should be "ApvfbM48c.27n 14".

Modifications in 5.18(ACCL.0)b6_D0

- **Bug Fixed/ Feature Enhancement**

Modified Modules	Bug Fixed List
Security	Disable the DNS port53 when services are not enabled
FW Upgrade	[DSL][System] Support the ACTIVE message command (56h) for G9701.Annex.S NT FW management function. With this command, CPE is going to switch the image partition when receiving the request.

Modifications in 5.18(ACCL.0)b6

- **Bug Fixed**

Modified Modules	Bug Fixed List
DSL Drivers	Following the customer's request to update the DSL software version format from "A2pvfbM048c.d27n" to "ApvfbM48c.27n 14".
WEB	Follow the specification to hide IGMP/MLD page in Network setting from WEB

Modifications in 5.18(ACCL.0)b5_D0

- New Feature

New Modules	Features Enhancement List
FW Upgrade	[DSL][System] Support G9701.Annex.S NT FW Management to allow firmware upgrade through DSLAM/DPU.

- Bug Fixed

Modified Modules	Bug Fixed List
Security	Zyxel-SI-1433 [Vulnerability] Buffer overflow vulnerabilities and command injection vulnerability for GM4100
	Unsafe User-Controlled Configuration Data (SMB) (High: 27) for GM4100
	Unsafe Symbolic Link Processing (SMB) for GM410
WEB	[Account]: Following TPG request to support customized Account and Password
	[IP]: Following TPG request to update default IP, Netmask and listen port
	[WEB]: Remove management services except https and SSH
	[WEB]: Menu list support "Connection Status", "System Monitor" and "Maintenance".
	[WEB]: System Monitor only support "Log", Traffic Status", and xDSL Stastics" page
	[WEB]: Maintenance support "System", "User Account", "remote Management", Log Setting", and "Reboot"

	[WEB]: Account of "vision_zyxel" can access the hidden page of portmirro

Modifications in 5.18(ACCL.0)b5

- **New Feature**

Modified Modules	Features Enhancement List
FW Upgrade	[DSL][System] Support G9701.Annex.S NT FW Management to allow firmware upgrade through DSLAM/DPU.

- **Bug Fixed**

Modified Modules	Bug Fixed List
Security	Zyxel-SI-1433 [Vulnerability] Buffer overflow vulnerabilities and command injection vulnerability for GM4100
	Unsafe User-Controlled Configuration Data (SMB) (High: 27) for GM4100
	Unsafe Symbolic Link Processing (SMB) for GM410

Modifications in 5.18(ACCL.0)b4

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
Security	
Wan	[WAN] Follow OPAL_Generic, CPE should support source of multiple IPv6 address in WAN informa
Management	[Management] CPE should also enable CWMP and set Inform Interval via Option43

	[Management] CPE should base on the WAN Mode to display the WAN in Multi-WAN options
	[Management] DeviceSummary should not list the function that CPE not support
	[Management] The Category in System Monitor \ Log page with IGMP option
System	[System] There is no WAN Name in System Info page
MAC	[GM4100-B0] GUI can't login issue duplicate
	[Internal] sys atwz MAC length issue

Modifications in 5.18(ACCL.0)b3

- Feature Enhancement

Modified Modules	Features Enhancement List

- Bug Fixed

Modified Modules	Bug Fixed List
Security	[Vulnerability] Infinite loop in BN_mod_sqrt() of OpenSSL when parsing certificates
	[Zyxel-SI-1377] cleartext storage of sensitive information vulnerability

Modifications in 5.18(ACCL.0)b2

- Feature Enhancement

Modified Modules	Features Enhancement List

- Bug Fixed

Modified Modules	Bug Fixed List

Modifications in 5.18(ACCL.0)b1

- Feature Enhancement

Modified Modules	Features Enhancement List

- Bug Fixed

Modified Modules	Bug Fixed List