

P-2812HNU-F1 RSA

Firmware Release Note

V3.00(AAKI.0)b7

Date: Nov. 13, 2013

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Reviewer:

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DEFAULT SETTINGS IN FIRMWARE 6

Revision History

Date	Release	Author	Description
2013/06/11	1.0	Kenny Huang	File create
2013/07/26	2.0	Kenny Huang	Release V3.00(AAKI.0)b2
2013/08/19	3.0	Kenny Huang	Release V3.00(AAKI.0)b3
2013/08/26	4.0	Kenny Huang	Release V3.00(AAKI.0)b4
2013/08/29	5.0	Kenny Huang	Release V3.00(AAKI.0)b5
2013/09/02	6.0	Kenny Huang	Release V3.00(AAKI.0)b6
2013/11/13	7.0	Kenny Huang	Release V3.00(AAKI.0)b7



ZyXEL P-2812HNU-F1 RSA V3.00(AAKI.0)b7 Release Note

Date: Nov. 13, 2013

Supported Platforms:

ZyXEL P-2812HNU-F1

Versions:

Bootbase version: V3.01|04/02|2013(AAKI)

Firmware version: V3.00(AAKI.0)b7

DSL code version: 5.3.3.11.1.1

WLAN code version: Ralink3062-2.3.0.0

Voice code version: 3.13.0 IFX TAPI

Notes:

1. User need to accept cookies in their web browsers to use the device GUI correctly.
2. MAC address MUST start from xx:xx:xx:xx:xx:x0 or xx:xx:xx:xx:xx:x8 otherwise WLAN will not work.
3. The bootloader in this version supports Lantiq CPU VR9 v1.2.

Features list:

- ✓ Dual WAN (xDSL/Ethernet) Mode to ease ISP deployment (switch by configuration)
- ✓ Built-in Firewall to keep users from common Internet attacks
- ✓ Wireless LAN 802.11b/g/Draft-N standards supported
- ✓ USB Peripherals for File Sharing, Printer and 3G WAN backup
- ✓ Built-in Phone Sockets for Voice over IP Service
- ✓ QoS embedded to help prioritize important services
- ✓ TR Protocol Family supported for industry-level device management
- ✓ Support IPv6 Dual Stack
- ✓ Support login privilege
- ✓ Support ROM-D

Modifications in V3.00(AAKI.0)b7

[FEATURE ENHANCED]

1. Scenario 5 - When L2TP tunnel is established, user can create a new interface group (LAN 3, 4) that map to the L2TP tunnel interface. This interface group will be assigned a public IP addresses and NAT needs to be disabled for this interface.

[Bug Fixed]

1. When use IE10, time-zone page display error.

Modifications in V3.00(AAKI.0)b6

[Bug Fixed]

1. 3G Ping Check Feature Fail - Under Ether Wan type and ping default gateway, If Ethernet is unplug, the 3G backup function cannot switch to 3G interface successfully (3G modem does not want to connect).

Modifications in V3.00(AAKI.0)b5

[Bug Fixed]

1. 3G Ping Check Feature Fail - When 3G backup Ping check enabled, If DSL is unplug, the 3G backup function cannot switch to 3G interface successfully (3G modem does not want to connect).

Modifications in V3.00(AAKI.0)b4

[Bug Fixed]

1. 3G Ping Check feature reboot fail - Enable Ping Check and the Host can receive the ICMP Packets, but Reboot the IAD the Host cannot receive the ICMP Packets anymore.

Modifications in V3.00(AAKI.0)b3

[FEATURE ENHANCED]

1. Support 3G dongle Huawei E303, Vodafone K3772-Z, Alcatel One Touch L100V.
2. [#41] Ethernet WAN - Cannot setup EWAN in firmware version 300AAKI0b2. Select EWAN interface and click on switch to EWAN interface, CPE reboots and after bootup GUI shows that EWAN is the current WAN interface. When click on add new WAN interface (for creating EWAN interface) and click on Apply, the EWAN interface was not created. GUI showed only ADSL and VDSL WAN interfaces at the Broadband page in the GUI, EWAN interface was not created.
3. [#32] 3G Backup connectivity decision - Ping must be done over ADSL interface and

not over 3G interface.

Modifications in V3.00(AAKI.0)b2

[Bug Fixed]

1. [#28] Remote access routing problem.
2. [#37] CPU usage increase to 100% when failing over to 3G and falling back to ADSL.
3. [#44] L2TP throughput limit (136 KB/sec).

[FEATURE ENHANCED]

1. [#29] DNS/NTP Interface based mapping.
2. [#30] Interface Mapping.
3. [#32] 3G Backup connectivity decision.
4. [#34] ADSL / VDSL- Default settings.
5. [#35] Unable to register/route VoIP traffic over L2TP tunnel.
6. [#36] Intermittent connection loss during failover/fallback.
7. [#38] Unable to select the L2TP interface with the Static or DNS routing options.
8. [#41] 3G Connection does not support PAP.
9. [#42] TR069 can't see 3G and L2TP (WANDevice 4&5) by default.
10. VoIP over L2TP DNS issue.
11. Support 3G dongle K3772, 301UTv2, 303UTv2.

Modifications in V3.00(AAKI.0)b1

This firmware is based on 3.11(TUJ.0)C0 to add below modification.

[FEATURE ENHANCED]

1. L2TP.
2. RSA Default Config.

Default Settings in Firmware

Refer to the XML format file “*.rom” in FW release package.

Public Domain Software Announcements

The following public domain software was used in this firmware release:

Open Source Used in P-2812HNUL-F1 (3rd party software)	Version	From (Source)
MIPS Linux Kernel	2.6.20.19	http://www.linux-mips.org
bridge-utils	1.4	http://bridge.sourceforge.net
Busybox	1.10.4	http://www.busybox.net
Dnsmasq	2.49	http://www.thekelleys.org.uk/dnsmasq/
Dropbear	0.52	http://matt.ucc.asn.au/dropbear/dropbear.html
Ebtables	2.0.9-2	http://ebtables.sourceforge.net
Igmpproxy	0.1-beta2	http://openports.se/net/igmpproxy
iproute2	2.6.24	http://www.linuxgrill.com/anonymous/iproute2
Iptables	1.4.6	http://www.netfilter.org
libbase64	0.0.1	http://www.gnu.org/software/gnulib
Libedit	20080712-2.11	http://libedit.sourceforge.net
Libpcap	1.0.0	http://www.tcpdump.org/
Libupnp	1.4.2	http://dries.ulyssis.org/rpm/packages/libupnp/info.html
Linuxigd	1	http://linux-igd.sourceforge.net
Logrotate	3.7.1	http://logrotate.darwinports.com/
mini_httpd	1.19	http://www.acme.com/software/mini_httpd/
mtd-utils	1.0.0	http://www.linux-mtd.infradead.org/
Ncurses	5.7	http://www.gnu.org/software/ncurses/
Ntpclient	2007	http://doolittle.icarus.com/ntpclient/

Openssh	5.2p1	http://www.openssh.com
Openssl	0.9.7f	http://www.openssl.org/
p910nd	0.93	http://p910nd.sourceforge.net/
Ppp	2.4.4	http://samba.org/ppp/index.html
pure-ftpd	1.0.23	http://pureftpd.org
Samba	3.0.36	http://www.samba.org
syslog-ng	2.0.6	http://www.balabit.com/network-security/syslog-ng/
Sysstat	8.1.8	http://pagesperso-orange.fr/sebastien.godard/
Tcpdump	4.0.0	http://www.tcpdump.org/
Updated	2.6	http://www.philipp-benner.de/updatedd/
usbautomount	0.0.1	http://usbmount.alioth.debian.org/
wireless_tools	0.29	http://www.hpl.hp.com/
dhcpdetector	1.0b	http://sourceforge.net/projects/dhcpdetector/
wide-dhcpv6	20080615	http://sourceforge.net/projects/wide-dhcpv6/
ip6tables	1.4.6	http://www.netfilter.org
radvd	1.7	http://www.litech.org/radvd/