



**Firmware Release Note**

## **Prestige 650H-E1**

**Release 3.40(OL.1)C0**

**Date:** November 26, 2003  
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# **ZyXEL Prestige 650H-E1 Standard Version release 3.40(OL.1)C0 Release Note**

**Date:** November 26, 2003

## **Supported Platforms:**

ZyXEL Prestige 650H-E1

## **Versions:**

**ZyNOS Version** : V3.40(OL.1) | 11/26/2003 10:09:02

**Bootbase Version** : V1.05a | 07/29/2003 20:17:14

## **Notes:**

1. The P650H-E1 is a low-cost ADSL router with four-port switch. It is ideal as an home device that will allow a small LAN to access the Internet. The P650H-E1 provides four auto-sensing, auto-detection 10/100BASE-T Ethernet ports for connection to the user's local network, and a single RJ45 port for connection to ADSL line.

### **- ADSL**

- Support Multi-Mode standard (ANSI T1.413, Issue 2; G.dmt(G.992.1); G.lite(G.992.2)).
- Auto-negotiation rate adaptation.
- support Multi-protocol over AAL5 (RFC1483)
- Support PPP over ATM AAL5 (RFC 2364)
- Support PPP over Ethernet (RFC2516)
- Support up to 8 PVCs
- F4/F5 OAM

### **- Ethernet and hardware.**

- Four 10/100M Ethernet switch
- Auto MDI/ MDIX.
- Restore Factory Defaults/Reboot button.

### **- Router**

- IP routing and bridging modes
- Multi-NAT for Multi Global IP address Internet Access
- DHCP Client, Sever and Relay
- RIP I/ RIP II supported.
- IGMP
- IP alias
- IP Policy Routing
- ICMP Router Discovery
- TFTP/FTP server for firmware upgrade
- Call Scheduling for PPPoE
- Support Web Configurator
- Support UPNP
- Support packet Filter

### **- Others**

- CI – commands.
- SPTGET
- Debug tool

2. For PPPoE, system must turn off the PPP VJ header compression. The command is as following:  
“ppp ipcp compress off”, this command is already added into “autoexec.net”
3. SAR in ETNA platform restricts the VPI/VCI to be a smaller range than other platform, please be careful to fill the correct VPI/VCI value when you are testing. VPI value should be in the range 0~63, VCI value should be in the range 33~511
4. Alcatel modem code version is 15.9.214

## Known Issues:

1. SPTGEN doesn't work
2. Doesn't support ATLD.
3. Doesn't support IGMP.

## Features:

### Modification in V3.40(OL.1)C0 | 11/10/2003

1. Change to FCS version

### Modification in V3.40(OL.1)b4 | 11/10/2003

2. [FEATURE ENHANCE]

Change modem code to 15.9.214

3. [BUG FIX]

Symptom: Can't save "firewall ignore triangle all <on/off>" into flash.

Condition: When use CI command "firewall ignore triangle on/off", it can't save the configuration to flash.

4. [BUG FIX]

Symptom: No IKE option can be chose at setting ACL rule.

Condition: When configure ACL rules ,there are no "IKE(UDP:500)" option can be chose.

5. [BUG FIX]

Symptom: In eWC , the web page of "Reset to default Configuration" display error.

Condition: In the web page of "Reset to default Configuration", it should not show the username and password.

6. [BUG FIX]

Symptom: In ftp test, the cell will be lost.

Condition: In ftp test, the cell's number of transfer and received will be not the same.

### Modification in V3.40(OL.1)b3 | 11/03/2003

7. [BUG FIX]

Symptom: Throughput is very poor

Condition: System will hang up when doing smart-bit test.

### Modification in V3.40(OL.1)b2 | 10/23/2003

8. [BUG FIX]

Symptom: The port 1024 could not be set in the NAT Server table.

Condition: When setting the port number as 1024 at NAT Server Sets, the setting can't be saved to ROM.

9. [BUG FIX]

Symptom: Adjust the TCP-mss by mtu.

Condition: TCP-mss is decided by the mtu.

10. [BUG FIX]

Symptom: System will reboot if plug-in and plugging-out the ADSL line several times.

Condition: This is caused from the ST modem libraries and it will free memory twice

11. [BUG FIX]

Symptom: After creating the firewall tos from the lanSide, send the TCP connect request from ATUC. Our router will send out the TCP RST packet when the firewall is turned on.

Condition: When the outside PC continuity connect the ftp server in LAN and setting the idle timeout, the ADSL line

will not be dropped even if the ftp server is offline.

12. [BUG FIX]

Symptom: In web, the "Email Log Now" can't work fine.

Condition: N/A

13. [BUG FIX]

Symptom: Add the CI-command "sys log mail sendmail"

Condition: The CI-command will mail the logs to user.

**Modification in V3.40(OL.1)b1 | 10/13/2003**

14. [FEATURE ENHANCE]

Change modem code to 15.9.190

15. [BUG FIX]

Symptom: Upnp can't work, when firewall is turn on

Condition: Turn on UPNP on Web/GUI and test MSN messenger.

16. [BUG FIX]

Symptom: In web, WAN setup, there is no VBR to choose

Condition: N/A

**Modification in V3.40(OL.0)C0 | 9/25/2003**

17. Change to FCS

**Modification in V3.40(OL.0)b5 | 9/17/2003**

18. [BUG FIX]

Symptom: NAT pass-through didn't work well.

Condition: NAT pass-through didn't work well while applied on "Callcomm" and "Vood Residential Gateway"

19. [BUG FIX]

Symptom: Edit ACL rule many times will cause out of memory.

Condition: N/A

20. [BUG FIX]

Symptom: Fix the bug of little endian wzStatus.html and LAN setup page.

Condition: N/A

21. [FEATURE ENHANCE]

Symptom: Enhance FWupload and Configuration.

Condition: When finish upload firmware & backup & restore rom-file , the web page will reload automatically.

**Modification in V3.40(OL.0)b4 | 9/3/2003**

22. [FEATURE CHANGE]

Symptom: Modem code is changed to 15.9.214

Condition: N/A

23. [FEATURE CHANGE]

Symptom: Multi- language in Web/GUI

Condition: N/A

24. [FEATURE CHANGE]

Symptom: Add CI-command wan hwsar reinittxchannel

Condition: Reopen the Tx Channel which is dead.

25. [BUG FIX]

Symptom: Corrupted Rx descriptor list in overflow situation.

Condition: Re-build Rx descriptor in overflow situation.

26. [BUG FIX]

Symptom: fixing wrongly promiscuous mode setting in routing mode

Condition: N/A

27. [BUG FIX]

Symptom: fixing EtherGetColCnt for ETNA

Condition: N/A

**Modification in V3.40(NU.0)b3 | 8/19/2003**

1. [BUG FIX]

Symptom: Poor throughput when the downstream is 1024Kbps

Condition: Tested by Smartbit 2000, and system is under bridge mode

2. [BUG FIX]

Symptom: CI command "ip nat server disp" causes exception

Condition: Without using "ip nat server load" first, system may exception

3. [BUG FIX]

Symptom: UPNP doesn't work

Condition: Turn on UPNP on Web/GUI and test MSN messenger

4. [BUG FIX]

Symptom: In Web/GUI diagnostics, reset system command doesn't work

Condition: N/A

5. [BUG FIX]

Symptom: In Web/GUI statistics, the display is error

Condition: N/A

6. [BUG FIX]

Symptom: In Web/GUI ATM status, the display of status is confusing

Condition: N/A

7. [FEATURE ENHANCE]

Symptom: Add firewall in SMT and Web/GUI

Condition: N/A

8. [FEATURE CHANGE]

Symptom: Modem code is changed to 15.9.209 (sub-function is for annex A)

Condition: N/A

**Modification in V3.40(NU.0)b2 | 7/16/2003**

9. [FEATURE CHANGE] Create a model P650H-E1 and modem code is 15.9.190 annex A

**Modification in V3.40(OL.0)b1 | 7/10/2003**

1. [FEATURE CHANGE] Create a F/W for C3 sample run