



**Firmware Release Note**

## **Prestige 650H-E1**

**Release 3.40(OL.0)C0**

**Date:** September 25, 2003  
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# **ZyXEL Prestige 650H-E1 Standard Version release 3.40(OL.0)C0 Release Note**

**Date:** September 25, 2003

## **Supported Platforms:**

ZyXEL Prestige 650H-E1

## **Versions:**

ZyNOS Version : V3.40(OL.0) | 09/25/2003 10:57:39

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. Upnp doesn't work , when firewall turn on.

## Features:

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

1. Change to FCS

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

2. [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"
3. [BUG FIX]  
Symptom: Edit ACL rule many times will cause out of memory.  
Condition: N/A
4. [BUG FIX]  
Symptom: Fix the bug of little endian wzStatus.html and LAN setup page.  
Condition: N/A
5. [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

6. [FEATURE CHANGE]  
Symptom: Modem code is changed to 15.9.214  
Condition: N/A
7. [FEATURE CHANGE]  
Symptom: Multi- language in Web/GUI  
Condition: N/A
8. [FEATURE CHANGE]  
Symptom: Add CI-command wan hwsar reinittxchannel  
Condition: Reopen the Tx Channel which is dead.
9. [BUG FIX]  
Symptom: Corrupted Rx descriptor list in overflow situation.  
Condition: Re-build Rx descriptor in overflow situation.
10. [BUG FIX]  
Symptom: fixing wrongly promiscuous mode setting in routing mode  
Condition: N/A
11. [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