

# ZyXEL Prestige 782R 2.50(BH.2) Release Note

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**Date:** Aug 29, 2001

## Supported Platforms:

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ZyXEL Prestige firmware V2.50(BH.2) supports for P782R.

## Versions:

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ZyNOS Version: V2.50(BH.2) | 8/29/2001

Bootbase Version: V2.02 | 11/30/2000 17:00:07

## Notes:

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1. The Prestige 782R is a G.SHDSL Router /Bridge providing high-speed LAN-to-LAN connection and Internet access for small business or branch office through G.SHDSL connection over the copper line.
  - Support G.991.2.
  - One auto-sensing 10/100M Ethernet interface
  - support Multi-protocol over AAL5 (RFC1483)
  - Support PPP over ATM AAL5 (RFC 2364)
  - Support up to 12 PVCs
  - IP routing and bridging modes
  - NAT/SUA for single-IP-address Internet Access
  - DHCP Client, Server and Relay
  - RIP I/ RIP II supported.
  - ICMP Router Discovery
  - TFTP/FTP server for firmware upgrade
  - F4/F5 OAM
  - Symmetric transmission up to 2.3Mbps
  - IP Alias
  - IP Policy Routing
  - Web-based Configuration

## Modification:

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### **Modification in 2.50(BH.2)b2**

1. Support the GlobeSpan DSP version R1.5.

### **Modification in 2.50(BH.2)b1**

1. Support the GlobeSpan DSP version R1.4.
2. Change the SMT menu 2 title. ("Wan" into "WAN")
3. Change the SMT menu 24.2.1. ("S/W" into "F/W")

### **Modification in 2.50(BH.1)b4**

1. Support the GlobeSpan DSP version R1.2.

### **Modification in 2.50(BH.1)b3**

1. Support the GlobeSpan DSP version R1.1

**Modification in 2.50(BH.1)b1**

- 1. Support the GlobeSpan DSP version R1.0
- 2. Support web configurator.
- 3. Support Intel C3 flash(TE28F800).

**Bug fixes:**

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**Bugs fixes in 2.50(BH.2)b1**

- 1. Fix two web bugs. (CPHC200105171254 and CPHC200105171256)
- 2. Fix one SMT bug. (CPHC200105171253)
- 3. Fix the misjudgment of COLD / WARM start issue. (CPHC200106221361 and CPHC200106221362)
- 4. Fix the screen bug. (CPHC200106261363)

**Bugs fixes in 2.50(BH.1)b4**

- 1. Fix the HTP bug..
- 2. Change SMT default setting. (CPHC200103281085 and CPHC200103281086).

**1.**

ZyXEL Communications Corp.

Product Model :

06008000

System Type :

FF

Boot Module Debug Flag :

060102030405060708091011121314151617181920

Main Feature Bits :

2D 00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00

00 00 00 00 00 00 00 00 00-00 00 13 00 00 00

## 2. Default ROM File Value Setting

- Menu 1: General Setup

```
Menu 1 - General Setup

System Name= ChangeMe
Location=
Contact Person's Name=

Route IP= Yes
Route IPX= No
Bridge= No

Press ENTER to Confirm or ESC to Cancel:
```

- Menu 2: WAN Setup

```
Menu 2 - WAN Setup

Service Type= Client
Rate Adaption= Enable
Transfer Max Rate(Kbps)=2320K
TransFer Min Rate(Kbps)=144K
Standard Mode= ETSI(ANNEX_B)

Press ENTER to Confirm or ESC to Cancel:
```

- Menu 3.1: LAN Port Filter Setup

```
Menu 3.1 - LAN Port Filter Setup

Input Filter Sets:
  protocol filters=
  device filters=
Output Filter Sets:
  protocol filters=
  device filters=

Press ENTER to Confirm or ESC to Cancel:
```

- Menu 3.2 TCP/IP and DHCP Ethernet Setup

```
Menu 3.2 - TCP/IP and DHCP Ethernet Setup

DHCP Setup
  DHCP= Server
  Client IP Pool Starting Address= 192.168.1.33
  Size of Client IP Pool= 32
  Primary DNS Server= 0.0.0.0
  Secondary DNS Server= 0.0.0.0
  Remote DHCP Server= N/A
TCP/IP Setup:
  IP Address= 192.168.1.1
  IP Subnet Mask= 255.255.255.0
  RIP Direction= Both
  Version= RIP-1
  Multicast= None
  IP Policies=
  Edit IP Alias= No

Press ENTER to Confirm or ESC to Cancel:
```

- **Menu 3.2.1 - IP Alias Setup**

<p>Menu 3.2.1 - IP Alias Setup</p> <p>IP Alias 1= No IP Address= N/A IP Subnet Mask= N/A RIP Direction= N/A Version= N/A Incoming protocol filters= N/A Outgoing protocol filters= N/A</p> <p>IP Alias 2= No IP Address= N/A IP Subnet Mask= N/A RIP Direction= N/A Version= N/A Incoming protocol filters= N/A Outgoing protocol filters= N/A</p> <p>Enter here to CONFIRM or ESC to CANCEL:</p>
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- **Menu 3.3 - Novell IPX Ethernet Setup**

<p>Menu 3.3 - Novell IPX Ethernet Setup</p> <p>Seed Router= No</p> <p>Frame Type 802.2= Yes IPX Network #= N/A</p> <p>Frame Type 802.3= No IPX Network #= N/A</p> <p>Frame Type Ethernet II= No IPX Network #= N/A</p> <p>Frame Type SNAP= No IPX Network #= N/A</p> <p>Press ENTER to Confirm or ESC to Cancel:</p>
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- **Menu 3.4 - Bridge Ethernet Setup**

<p>Menu 3.4 - Bridge Ethernet Setup</p> <p>Handle IPX= None</p> <p>Press ENTER to Confirm or ESC to Cancel:</p>
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- Menu 4 Internet Access Setup

```

Menu 4 - Internet Access Setup

ISP's Name= ChangeMe
Encapsulation= RFC 1483
Multiplexing= LLC-based
VPI #= 0
VCI #= 38
Peak Cell Rate (cell/sec)= 5500
Sustain Cell Rate (cell/sec)= 0
Maximum Burst Size (cell)= 0
My Login= N/A
My Password= N/A
Single User Account= No
IP Address Assignment= N/A
    IP Address= N/A
ENET ENCAP Gateway= N/A

Press ENTER to Confirm or ESC to Cancel:

```

- Menu 11 Remote Node Setup

```

Menu 11 - Remote Node Setup

1. ChangeMe (ISP)
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

Enter Node # to Edit:

```

- Menu 11.1 Remote Node Profile

```

Menu 11.1 - Remote Node Profile

Rem Node Name= ChangeMe      Route= IP
Active= Yes                  Bridge= No

Encapsulation= RFC 1483      Edit PPP Options= N/A
Multiplexing= LLC-based      Rem IP Addr= 0.0.0.0
Incoming:                    Edit IP/IPX/Bridge= No
    Rem Login= N/A           Edit ATM Options= No
    Rem Password= N/A
Outgoing:                     Session Options:
    My Login= N/A           Edit Filter Sets= No
    My Password= N/A
    Authen= N/A

Press ENTER to Confirm or ESC to Cancel:

```

- Menu 11.3 Remote Node Network Layer Options

```

Menu 11.3 - Remote Node Network Layer Options

```

IP Options:	IPX Options:
Rem IP Addr= 0.0.0.0	Rem LAN Net #= N/A
Rem Subnet Mask= 0.0.0.0	My WAN Net #= N/A
My WAN Addr= 0.0.0.0	Hop Count= N/A
Single User Account= No	Tick Count= N/A
Metric= 2	
Private= No	
RIP Direction= None	
Version= RIP-1	
Multicast= None	Bridge Options:
IP Policies=	Ethernet Addr Timeout(min)= N/A

Enter here to CONFIRM or ESC to CANCEL:

- Menu 11.5 Remote Node Filter

Menu 11.5 - Remote Node Filter

Input Filter Sets:  
 protocol filters=3  
 device filters=  
 Output Filter Sets:  
 protocol filters=  
 device filters=

Enter here to CONFIRM or ESC to CANCEL:

- Menu 11.6 Remote Node ATM Layer Options

Menu 11.6 - Remote Node ATM Layer Options  
 VPI/VCI (LLC-Multiplexing or PPP-Encapsulation)

VPI #= 0  
 VCI #= 38  
 Peak Cell Rate (cell/sec)= 5500  
 Sustain Cell Rate (cell/sec)= 0  
 Maximum Burst Size (cell)= 0

Enter here to CONFIRM or ESC to CANCEL:

- Menu 12.1 IP Static Route Setup

Menu 12.1 - IP Static Route Setup

1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_  
 7. \_\_\_\_\_  
 8. \_\_\_\_\_

Enter selection number:

- Menu 12.1.1 Edit IP Static Route

Menu 12.1.1 - Edit IP Static Route

```
Route #: 1
Route Name= ?
Active= No
Destination IP Address= ?
IP Subnet Mask= ?
Gateway IP Address= ?
Metric= 2
Private= No
```

Press ENTER to Confirm or ESC to Cancel:

- **Menu 12.2 IPX Static Route Setup**

Menu 12.2 - IPX Static Route Setup

```
1. _____
2. _____
3. _____
4. _____
```

Enter selection number:

- **Menu 12.2.1 Edit IPX Static Route**

Menu 12.2.1 - Edit IPX Static Route

```
Route #= 1
Server Name= ?
Active= Yes
Network #= ?
Node #= 000000000001
Socket #= 0451
Type #= 0004
Hop Count= 2
Tick Count= 3
Gateway Node= 1
```

Press ENTER to Confirm or ESC to Cancel:

- **Menu 12.3 Bridge Static Route Setup**

Menu 12.3 - Bridge Static Route Setup

```
1. _____
2. _____
3. _____
4. _____
```

Enter selection number:

- **Menu 12.3.1 - Edit Bridge Static Route**

Menu 12.3.1 - Edit Bridge Static Route

Route #: 1

Route Name= ?  
Active= No  
Ether Address= ?  
IP Address=  
Gateway Node= 1

Press ENTER to Confirm or ESC to Cancel:

• **Menu 15 - SUA Server Setup**

Menu 15 - SUA Server Setup

Port #	IP Address
-----	-----
1.Default	0.0.0.0
2. 0	0.0.0.0
3. 0	0.0.0.0
4. 0	0.0.0.0
5. 0	0.0.0.0
6. 0	0.0.0.0
7. 0	0.0.0.0
8. 0	0.0.0.0
9. 0	0.0.0.0
10. 0	0.0.0.0
11. 0	0.0.0.0
12. 0	0.0.0.0

Press ENTER to Confirm or ESC to Cancel:

• **Menu 21 Filter Set Configuration**

Menu 21 - Filter Set Configuration

Filter Set #	Comments	Filter Set #	Comments
-----	-----	-----	-----
1	NetBIOS_WAN	7	_____
2	NetBIOS_LAN	8	_____
3	TEL_FTP_WEB_WAN	9	_____
4	_____	10	_____
5	_____	11	_____
6	_____	12	_____

Enter Filter Set Number to Configure= 0

Edit Comments= N/A

Press ENTER to Confirm or ESC to Cancel:

• **Menu 21.1 Filter Rules Summary ( for NetBIOS\_WAN )**

Menu 21.1 - Filter Rules Summary

# A Type	Filter Rules	M m n
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```

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- - -
1 Y IP   Pr=6, SA=0.0.0.0, DA=0.0.0.0, DP=137      N D N
2 Y IP   Pr=6, SA=0.0.0.0, DA=0.0.0.0, DP=138      N D N
3 Y IP   Pr=6, SA=0.0.0.0, DA=0.0.0.0, DP=139      N D N
4 Y IP   Pr=17, SA=0.0.0.0, DA=0.0.0.0, DP=137     N D N
5 Y IP   Pr=17, SA=0.0.0.0, DA=0.0.0.0, DP=138     N D N
6 Y IP   Pr=17, SA=0.0.0.0, DA=0.0.0.0, DP=139     N D F

Enter Filter Rule Number (1-6) to Configure:

```

- Menu 22 - SNMP Configuration:

```

Menu 22 - SNMP Configuration

SNMP:
  Get Community= public
  Set Community= public
  Trusted Host= 0.0.0.0
  Trap:
    Community= public
    Destination= 0.0.0.0

Press ENTER to Confirm or ESC to Cancel:

```

- Menu 23 - System Password:

```

Menu 23 - System Password

Old Password= ?
New Password= ?
Retype to confirm= ?

Enter here to CONFIRM or ESC to CANCEL:

```

- Menu 24.2.2: System Maintenance - Change Console Port Speed

```

Menu 24.2.2 - System Maintenance - Change Console Port Speed

Console Port Speed: 9600

Press ENTER to Confirm or ESC to Cancel:

```

- Menu 24.3.2: System Maintenance - UNIX Syslog

```

Menu 24.3.2 - System Maintenance - UNIX Syslog

UNIX Syslog:
  Active= No
  Syslog IP Address= ?
  Log Facility= Local 1

Types:
  CDR= No
  Packet triggered= N/A
  Filter log= No
  PPP log= No

Press ENTER to Confirm or ESC to Cancel:

```

- Menu 25: IP Routing Policy Setup

```

Menu 25 - IP Routing Policy Setup

Policy                                Policy

```

Set #	Name	Set #	Name
1	_____	7	_____
2	_____	8	_____
3	_____	9	_____
4	_____	10	_____
5	_____	11	_____
6	_____	12	_____

Enter Policy Set Number to Configure= 0

Edit Name= N/A

Press ENTER to Confirm or ESC to Cancel:

- ras> sys view autoexec.net
  - sys errctl 0
  - sys trcl level 5
  - sys trcl type 1180
  - sys trcp cr 64 96
  - sys log online off
  - sys syslog mode off
  - sys trcl sw off
  - sys trcp sw off
  - sys wdog switch off
  - sys filter sw off
  - ip tcp mss 512
  - ip tcp limit 2
  - ip tcp irtt 65000
  - ip tcp window 2
  - ip tcp ceiling 6000
  - ip rip activate
  - ip rip merge on
  - ip icmp discovery enif0 off
  - ppp ipcp compress off