

ZyXEL Prestige 724 3.40(BJ.1) Release Note

Date: Dec 25, 2001

Supported Platforms:

ZyXEL Prestige firmware V3.40(BJ.1) supports for P724.

Versions:

ZyNOS Version: V3.40(BJ.1) | 12/25/2001

Bootbase Version: V2.05 | 5/30/2001 10:03:34

Notes:

1. The Prestige 724 is a G.SHDSL CSU/DSU designed for small offices and branch offices to provide cost-effective access to high-speed G.shdsl service. P724 will interoperate with the Frame Relay router via X.21 or V.35 interface, and enable Back-to-Back connection and Internet access through G.shdsl over the existing phone line.
 - Compliant with G.shdsl (G.991.2) WAN interface
 - X.21/V.35 synchronous serial interface in DCE mode with external clock support
 - support Multi-protocol over AAL5 (RFC1483)
 - Support PPP over ATM AAL5 (RFC 2364)
 - Support up to 12 PVCs
 - Support FRF.8 and FRF.5 Frame Relay/ATM PVC service Interworking Implementation Agreement
 - Support Multi-protocol over Frame Relay (RFC1490)
 - Support PPP over Frame Relay (RFC1973)
 - Symmetric transmission up to 2.3Mbps
 - Remote management

Modification:

Modification in 3.40(BJ.1)b2

1. Support more rates(72K, 136K, 2368K) on menu 2.
2. Support the GlobeSpan DSP version R1.5.

Modification in 3.40(BJ.1)b1

1. Support the GlobeSpan DSP version R1.7.
2. Support the VC multiplexing on the ENCAP_HDLC_RFC2364 and modify menu 11.1.
3. Change some CI commands for user.
4. Support some rates(264K, 520K, 1032K, 2056K) on menu 2.

Modification in 3.40(BJ.0)b6

1. Enhance FRF.5 to support many DLCI to one VPI/VCI.
2. Enhance small packet throughput.

Modification in 3.40(BJ.0)b4

1. Support the remote management feature included FTP, TFTP and Telnet.
2. Change "T1.617D" into "T1.617" on SMT menu 3.
3. Modify the SMT menu 11 for remote management.

Modification in 3.40(BJ.0)b3

- 1. Support the GlobeSpan DSP version R1.5.

Modification in 3.40(BJ.0)b2

- 1. Change the SMT main menu title (“P724V” into “P724”).(CPHC200107251454)

Modification in 3.40(BJ.0)b1

- 1. Support the GlobeSpan DSP version R1.4.
- 2. Change the SMT menu 3 title(“V.35” into “Data Port”) and LMI type of menu 3(“T1.618” in to “T1.617D”).
- 3. Change the SMT menu 24.2.1.(“S/W” into “F/W”)
- 4. Upgrade bootbase version 2.05
- 5. Support FRF.5.
- 6. Support C3 hardware(A0AB) and change the display of xdsl led.

Modification in 3.40(BJ.0)a0

- 1. Support the GlobeSpan DSP version R1.2.

Bug fixes:

Bugs fixes in 3.40(BJ.1)b2

- 1. Fix the unstable bugs (CPHC200112181976).

Bugs fixes in 3.40(BJ.0)b6

- 1. Fix the throughput bugs (CPHC200108211534,CPHC200108211535).

Bugs fixes in 3.40(BJ.0)b5

- 1. Fix the SMT bug. (CPHC200108061477)

Bugs fixes in 3.40(BJ.0)b2

- 1. Fix the remote node bug. (CPHC200107251453)
- 2. Fix the HTP problem about xdsl test.
- 3. Fix the driver bug. (CPHC200107251455)

Bugs fixes in 3.40(BJ.0)a3

- 1. Fix the CI command bugs.

Bugs fixes in 3.40(BJ.0)a2

- 1. Fix the XDSL plug/unplug bug. (CPHC200106061310)
- 2. Fix the Menu 11 bug.(CPHC200106061311)
- 3. Fix Frmae Relay bug to support 12 channels. (CPHC200106071313)

1. Manufactory Data in Bootbase

ZyNOS Version	: V3.40(BJ.1) 12/25/2001 19:09:01
Bootbase Version	: V2.05 5/30/2001 10:03:34
Vendor Name	: ZyXEL Communications Corp.
Product Model	: P724
ZyNOS ROM address	: 06008000
System Type	: 5
MAC Address	: 00A0C5xxxxxx

Default Country Code	: FF
Boot Module Debug Flag	: 00
RomFile Version	: xx
RomFile Checksum	: 559f
ZyNOS Checksum	: 2da9
SNMP MIB level & OID	: 060102030405060708091011121314151617181920
Main Feature Bits	: 84
Other Feature Bits	:
	63 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 40 13 00 00 00

2. Default ROM File Value Setting

- Menu 1: General Setup

```

Menu 1 - General Setup

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

Press ENTER to Confirm or ESC to Cancel:

```

- Menu 2: WAN Setup

```

Menu 2 - WAN Setup

Service Type= Client
Rate Adaption= Disable
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: Data Port Setup

```

Menu 3 - Data Port Setup

Line Type= network
Link Management= ANSI(T1.617)
Clock Source= Internal

Press ENTER to Confirm or ESC to Cancel:

```

- Menu 11 Channel Setup

```

Menu 11 - Channel Setup

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

Enter Node # to Edit:

```

- **Menu 11.1 Channel Profile**

```

Menu 11.1 - Channel Profile

Channel Name= ChangeMe
Active= Yes

Encapsulation= FRF8_TRANSLATION    Multiplexing= N/A

Outgoing:                          VPI= 8
  My Login= N/A                     VCI= 35
  My Password= N/A                 DLCI= 16

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:

```

- ```

ras> sys view autoexec.net
sys errctl 0
sys trcl level 5
sys trcl type 1180
sys trcp cr 64 96
sys trcl sw off
sys trcp sw off

```

```
ip tcp mss 512
ip tcp limit 2
ip tcp irtt 65000
ip tcp window 2
ip tcp ceiling 6000
ppp ipcp compress off
sys wdog switch on
```