

ZyXEL Confidential



Firmware Release Note

P792H

Standard version

Release 3.40(BZ.1)C0

Date:	June 28, 2005
Author:	Johnny Liang

ZyXEL P792H Standard Version release 3.40(BZ.1)C0 Release Note

Date: June. 28, 2005

Supported Platforms:

ZyXEL P792H

Versions:

ZyNOS Version: V3.40(BZ.1) | 6/28/2005 13:32:11

Bootbase Version: V1.14 | 11/10/2003 20:56:40

Notes:

Support Globespan modem code A.423.

Known Issues:

1. UPnP can't work on Windows Messenger which version is higher than 4.7.
2. File transfer on Windows Messenger 4.7 can't work fine when firewall and UPnP are active.
3. There are some SIP issues on CISCO ATA phone. It's fail to make the second call by CISCO ATA phone after waiting around 15 minutes from the first call.

Features:

Modifications in V3.40(BZ.1)C0 | 6/28/2005 13:32:11

1. [FEATURE CHANGED] Change to FCS.

Modifications in V3.40(BZ.1)b3 | 6/22/2005 9:53:09

1. [FEATURE CHANGED] Support new modem code A.423.

Modifications in V3.40(BZ.1)b2 | 3/28/2005 9:09:08

1. [FEATURE CHANGED] Support new modem code R3.0.1
2. [FEATURE CHANGED] Support new MAC, atwz , sys atwz command
3. [FEATURE CHANGED] Change hw version to 1 in bootbase , and after we change AFE , this f/w can support new hardware and old hardware.

Modifications in V 3.40(BZ.1)b1 | 04/07/2004

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1. [BUG FIXED]

Symptom: User name/Password have one space at eWC.

Condition: Restore to default ROM file and change to PPPoA/PPPoE mode, there is one space at User name/Password field at eWC.

Modifications in V 3.40(BZ.0)C0 | 03/12/2004

1. Change to FCS version

Modifications in V 3.40(BZ.0)b2 | 03/05/2004

1. [FEATURE ENHANCED]

Support SIP pass-through.

Modifications in V 3.40(BZ.0)b1 | 01/07/2004

1. Create Project.

2. [FEATURE ENHANCED]

Support Wan Backup.

3. [FEATURE ENHANCED]

Support Firewall and Content Filter.

4. [FEATURE ENHANCED]

Support VPN

5. [FEATURE ENHANCED]

Support H.323v2 for NAT.ALG

Annex A CI Command List

Command Class List Table		
System Related Command	Exit Command	Ethernet Related Command
WAN Related Command	IP Related Command	Bridge Related Command
XDSL Related Command		

System Related Command

[Home](#)

Command				Description
sys				
	adjtime			retrive date and time from Internet
	atsh			display MRD field
	callhist			
		display		display call history
		remove	<index>	remove entry from call history
	countrycode		[countrycode]	set country code
	date		[year month date]	set/display date
	domainname			display domain name
	edit		<filename>	edit a text file
	extraphnum			maintain extra phone numbers for outcalls
		add	<set 1-3> <1st phone num> [2nd phone num]	add extra phone numbers
		display		display extra phone numbers
		node	<num>	set all extend phone number to remote node <num>
		remove	<set 1-3>	remove extra phone numbers
		reset		reset flag and mask
	feature			display feature bit
	hostname		[hostname]	display system hostname
	log			
		clear		clear log error
		disp		display log error
		online	[on off]	turn on/off error log online display
	stdio		[second]	change terminal timeout value
	time		[hour [min [sec]]]	display/set system time
	trcdisp	parse, brief, disp		monitor packets
	syslog			
		server	[destIP]	set syslog server IP address
		facility	<FacilityNo>	set syslog facility
		type	[type]	set/display syslog type flag
		mode	[on off]	set syslog mode
	version			display RAS code and driver version
	view		<filename>	view a text file
	wdog			
		switch	[on off]	set on/off wdog
		cnt	[value]	display watchdog counts value: 0-34463
	romreset			restore default romfile
	socket			display system socket information
	ddns			
		debug	<level>	enable/disable ddns service
		display	<iface name>	display ddns information
		restart	<iface name>	restart ddns
		logout	<iface name>	logout ddns

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	cpu		
		display	display CPU utilization
	xmodemmode	[crc checksum]	select xmodem mode

Exit Command[Home](#)

Command			Description
exit			exit smt menu

Ethernet Related Command[Home](#)

Command			Description
ether			
	config		display LAN configuration information
	driver		
		Cnt	
		disp <name>	display ether driver counters
		Status <ch_name>	see LAN status
	config	[0 1=auto normal] [0 1=10 100] [0 1=HD FD] <ch-name>	Configure LAN Settings Auto/Normal, 100/10 Mbps, Half/Full Duplex
	version		see ethernet device type

WAN Related Command[Home](#)

Command			Description
Wan	atm	test [fix rand period oam loopback]	Generate ATM traffic
	hwsar	Disp	Display hwsar packets incoming/outgoing information
		Clear	Clear hwsar packets information
		Sendoam	Send OAM packets: <vpi> <vci> <f5> <end-to-end> <type:0(AIS) 1(RDI) 2(LoopBack)>

IP Related Command[Home](#)

Command			Description
ip			
	address	[addr]	display host ip address
	alias	<iface>	alias iface
	aliasdis	<0 1>	disable alias
	arp		
		status <iface>	display ip arp status
	dhcp	<iface>	
		client	
		release	release DHCP client IP
		renew	renew DHCP client IP
		status [option]	show dhcp status
	dns		
		query	
		stats	
		clear	clear dns statistics
		disp	display dns statistics
	icmp		
		status	display icmp statistic counter
		discovery <iface> [on off]	set icmp router discovery flag
	ifconfig	[iface] [ipaddr] [broadcast <addr> [mtu <value> dynamic]	configure network interface

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	ping		<hostid>	ping remote host
	route			
		status	[if]	display routing table
		add	<dest_addr default>[/<bits> <gateway> [<metric>]	add route
		addiface	<dest_addr default>[/<bits> <gateway> [<metric>]	add an entry to the routing table to iface
		addprivate	<dest_addr default>[/<bits> <gateway> [<metric>]	add private route
		drop	<host addr> [/<bits>]	drop a route
	status			display ip statistic counters
	udp			
		status		display udp status
	tcp			
		status	[tcb] [<interval>]	display TCP statistic counters
	xparent			
		join	<iface1> [<iface2>]	join iface2 to iface1 group
		break	<iface>	break iface to leave ipxparent group
	igmp			
		debug	[level]	set igmp debug level
		forwardall	[on/off]	turn on/off igmp forward to all interfaces flag
		querier	[on/off]	turn on/off igmp stop query flag
		iface		
			<iface> grouptm <timeout>	set igmp group timeout
			<iface> interval <interval>	set igmp query interval
			<iface> join <group>	join a group on iface
			<iface> leave <group>	leave a group on iface
			<iface> query	send query on iface
			<iface> rsptime [time]	set igmp response time
			<iface> start	turn on of igmp on iface
			<iface> stop	turn off of igmp on iface
			<iface> ttl <threshold>	set ttl threshold
			<iface> v1compat [on/off]	turn on/off v1compat on iface
		robustness	<num>	set igmp robustness variable
		status		dump igmp status

Bridge Related Command[Home](#)

Command				Description
bridge				
	cnt			related to bridge routing statistic table
		disp		display bridge route counter
		clear		clear bridge route counter
	stat			related to bridge packet statistic table
		disp		display bridge route packet counter
		clear		clear bridge route packet counter

XDSL Related Command[Home](#)

Command				Description
xdsl				
	state			display XDSL status about physical layer
	restart			restart XDSL driver
	cnt	disp		display xdsl error counter
		clear		clear xdsl error counter