

# ZyXEL ES-2024 V3.50(LI.2)C1

## Release Note/Manual Supplement

---

**Date:** Jun 31, 2005

This document describes the features in the ES-2024 product for its 3.50(LI.2)C1 release.

### ***Support Platforms:***

---

ZyXEL ES-2024 V3.50(LI.2)C1 supports models: Dimension ES-2024

### ***Version:***

---

ZyNOS Version: V3.50(LI.2)C1 | 06/17/2004

BootBase Version: V1.10 | 01/31/2005

### ***Default Bootbase Setting:***

---

ZyNOS Version	V3.50(LI.2)   06/17/2004 10:47:15
Bootbase Version	V1.10   01/31/2005 11:57:44
Vendor Name	ZyXEL
Product Model	ES-2024
ZyNOS Code Model	RAS
HTP Code Model	HTP 1.05
ZyNOS ROM address	06008000
System Type	5
MAC Address	001349000001
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	11
RomFile Checksum	54f3
ZyNOS Checksum	d234
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
AF 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 01 33 00 00 00	

### ***Change History:***

---

V3.50(LI.2)C1 (01/31/2005)

Update Bootbase to 1.10 for new MAC address

V3.50(LI.2)C0 (06/17/2004)

Update HTP to 1.05 and bugs fix .

V3.50(LI.1)C0 (03/08/2004)

Bug fix: fiber mode on mini-GBIC won't link up if the fiber cable is un-plunged while booting.

V3.50(LI.0)C0 (02/20/2004)

First Public version

### ***Features:***

1. Change MAC address prefix to 001349.

### ***Know Issue:***

1. In fully-mesh test, there may be packet loss when packet length is larger than 673 bytes.
2. The aging time will be a little imprecise.
3. If enable flow control on one port, it may affect others.
4. To activate the ingress setting of the bandwidth control, the link partner must be pause capable.
5. Due to flow control issue, the related function would be affected by pause packet.
6. Due to hash algorithm, there might be packet flooding over 8K dynamic MAC forwarding.
7. After applying DHCP client for IP setup by web, user may need to wait for 6 minutes time-out to access the web with new IP address.
8. Don't suggest setting ES-2024 as the root bridge while enabling RSTP.

## **ZyXEL ES-2024 V3.50(LI.2)C0**

### **Release Note/Manual Supplement**

**Date:** Jun 17, 2004

This document describes the features in the ES-2024 product for its 3.50(LI.2)C0 release.

### ***Support Platforms:***

ZyXEL ES-2024 V3.50(LI.2)C0 supports models: Dimension ES-2024

### ***Version:***

ZyNOS Version: V3.50(LI.2)C0 | 06/17/2004

BootBase Version: V1.00 | 11/20/2003

### ***Default Bootbase Setting:***

ZyNOS Version	V3.50(LI.2)   06/17/2004 10:47:15
Bootbase Version	V1.00   11/20/2003 15:56:56
Vendor Name	ZyXEL
Product Model	ES-2024
ZyNOS Code Model	RAS
HTP Code Model	HTP_1.05
ZyNOS ROM address	06008000
System Type	5
MAC Address	00A0C5012345
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	11
RomFile Checksum	54f3

ZyNOS Checksum	d234
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
AF 00 01 33 00 00 00	

---

### ***Change History:***

V3.50(LI.2)C0 (06/17/2004)

Update HTP to 1.05 and bugs fix .

V3.50(LI.1)C0 (03/08/2004)

Bug fix: fiber mode on mini-GBIC won't link up if the fiber cable is un-plunged while booting.

V3.50(LI.0)C0 (02/20/2004)

First Public version

---

### ***Features:***

1. HTP version 1.05: Support all 9785 serial PHY.

---

### ***Bug Fix:***

1. Un-correct java script check on date setting.
2. Prevent packets sending from RSTP discarding port.

---

### ***Know Issue:***

1. In fully-mesh test, there may be packet loss when packet length is larger than 673 bytes.
2. The aging time will be a little imprecise.
3. If enable flow control on one port, it may affect others.
4. To activate the ingress setting of the bandwidth control, the link partner must be pause capable.
5. Due to flow control issue, the related function would be affected by pause packet.
6. Due to hash algorithm, there might be packet flooding over 8K dynamic MAC forwarding.
7. After applying DHCP client for IP setup by web, user may need to wait for 6 minutes time-out to access the web with new IP address.
8. Don't suggest setting ES-2024 as the root bridge while enabling RSTP.

## **ZyXEL ES-2024 V3.50(LI.1)C0**

## **Release Note/Manual Supplement**

---

**Date: Mar 8, 2004**

This document describes the features in the ES-2024 product for its 3.50(LI.1)C0 release.

**Support Platforms:**

ZyXEL ES-2024 V3.50(LI.1)C0 supports models: Dimension ES-2024

**Version:**

ZyNOS Version: V3.50(LI.1)C0 | 03/08/2004  
BootBase Version: V1.00 | 11/20/2003

**Default Bootbase Setting:**

ZyNOS Version	V3.50(LI.1)   03/08/2004 20:28:30
Bootbase Version	V1.00   11/20/2003 15:56:56
Vendor Name	ZyXEL
Product Model	ES-2024
ZyNOS Code Model	RAS
HTP Code Model	HTP_1.04
ZyNOS ROM address	06008000
System Type	5
MAC Address	00A0C5012345
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	11
RomFile Checksum	54f3
ZyNOS Checksum	ecd9
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
AF 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 01 33 00 00 00	

**Change History:**

- V3.50(LI.1)C0 (03/08/2004)  
Bug fix: fiber mode on mini-GBIC won't link up if the fiber cable is un-plunged while booting.
- V3.50(LI.0)C0 (02/20/2004)  
First Public version

**ZyXEL ES-2024 V3.50(LI.0)C0**  
**Release Note/Manual Supplement**

**Date: Feb 20, 2004**

This document describes the features in the ES-2024 product for its 3.50(LI.0)C0 release.

**Support Platforms:**

ZyXEL ES-2024 V3.50(LI.0)C0 supports models: Dimension ES-2024

**Version:**

ZyNOS Version: V3.50(LI.0)C0 | 02/20/2004  
BootBase Version: V1.00 | 11/20/2003

**Default Bootbase Setting:**

ZyNOS Version	V3.50(LI.0)   02/20/2004 11:10:04
Bootbase Version	V1.00   11/20/2003 15:56:56
Vendor Name	ZyXEL
Product Model	ES-2024
ZyNOS Code Model	RAS
HTP Code Model	HTP_1.04
ZyNOS ROM address	06008000
System Type	5
MAC Address	00A0C5012345
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	11
RomFile Checksum	54f3
ZyNOS Checksum	ffd5
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
AF 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00	
00 00 00 00 00 00 00 00-00 01 33 00 00 00	

**Features:**

1. MAC address learning
2. Support IEEE 802.1D transparent bridge
3. Support IEEE 802.1Q tagged VLAN
4. Support Port-based VLAN
5. Support IEEE 802.1X
6. Support IEEE 802.1W
7. Support IEEE 802.3AD
8. Support GVRP
9. IGMP snooping
10. Support IEEE 802.1p
11. Automatic age out
12. Specific MAC addresses forwarding per port
13. Port Trunking
14. Port Mirroring
15. Bandwidth Control
16. Broadcast Storm Control
17. Support FCFS, Strict Priority, and WRR queuing method
18. Static IP management or dynamic IP(DHCP client)
19. Firmware upgrade and configuration backup/restore.
20. Remote manageable.
21. Cluster Management
22. WEB manageable
23. Support RFC-1213 MIB II
24. Support RFC-1493 Bridge MIB
25. Support RFC-1643 Ethernet MIB
26. Support RFC-1757 Four group of RMON
27. Support RFC-2674 VLAN MIB

### ***Know Issue:***

---

1. In fully-mesh test, there may be packet loss when packet length is larger than 673 bytes.
2. The aging time will be a little imprecise.
3. If enable flow control on one port, it may affect others.
4. To activate the ingress setting of the bandwidth control, the link partner must be pause capable.
5. Due to flow control issue, the related function would be affected by pause packet.
6. Due to hash algorithm, there might be packet flooding over 8K dynamic MAC forwarding.
7. After applying DHCP client for IP setup by web, user may need to wait for 6 minutes time-out to access the web with new IP address.
8. Don't suggest setting ES-2024 as the root bridge while enabling RSTP.

### ***Limit:***

---

1. MAC table: 10K
2. VLAN table: 2K (VLAN 1~2048)
3. Multicast table: 0.5K
4. PVID: 1~255

### ***Settings:***

---

1. 802.1Q static VLAN: 64
2. Static MAC forwarding: 32
3. Static Route: 8

### ***Change History:***

---

V3.50(LI.0)C0 (02/20/2004)  
First Public version