

ZyWALL Turbo Card

Extension Card

User's Guide

08/2005
Version 1.00

The logo for ZyXEL, featuring the word "ZyXEL" in a bold, blue, italicized sans-serif font. The "Zy" is lowercase and the "XEL" is uppercase.

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	sales@zyxel.co.uk	+44 (0) 1344 303034	

a. "+" is the (prefix) number you enter to make an international telephone call.

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1 Introduction

ZyWALL Turbo Card is a co-processor accelerator that is used in conjunction with a ZyWALL 5, ZyWALL 35 or ZyWALL 70 for fast, efficient IDP (Intrusion Detection and Prevention) and AV (Anti Virus) traffic inspection.

We refer to ZyWALL Turbo Card as “Turbo” and to ZyWALL 5, ZyWALL 35 or ZyWALL 70 as “ZyWALL” in this guide.

Figure 1 ZyWALL Turbo Card



Note: Turbo does not have a MAC address.

2 Installation

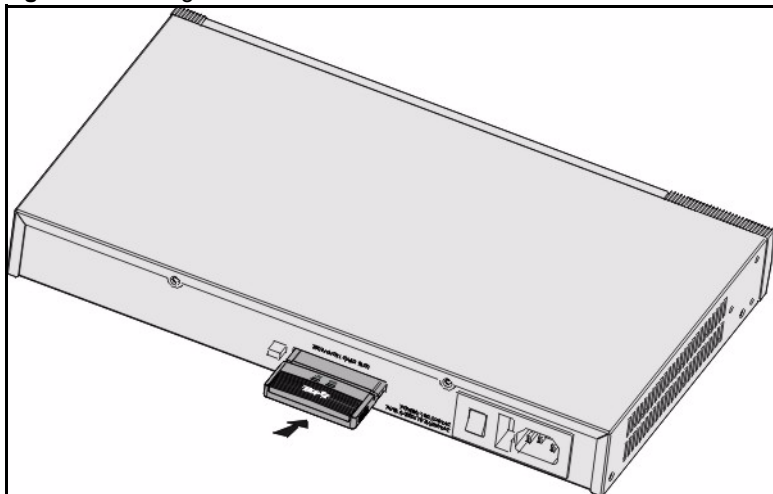
- 1 Turn off the ZyWALL.

Note: Do not insert Turbo while the ZyWALL is turned on.

- 2 Carefully insert Turbo into the rear panel slot of the ZyWALL. If the slot already contains a wireless card, remove it.

Note: The ZyWALL has no wireless capability when Turbo is in place.

Figure 2 Inserting Turbo



3 Turn on the ZyWALL.

2.1 Turbo LEDs

Figure 3 Turbo LEDs



LED	DESCRIPTION
PWR	The PWR LED turns on when the Turbo card is inserted into the ZyWALL and the ZyWALL is turned on.
ACT	The ACT LED blinks when Turbo is performing IDP and/or AV traffic inspection.

3 Activating IDP and AV

- 1 Access the ZyWALL web configurator (192.168.1.1 is the default IP address).

Note: See your ZyWALL User's Guide for detailed information on the web configurator.

- 2 You must register for AV and IDP services before using these services. Click **REGISTRATION** in the navigation panel. You can create a myZyXEL.com account and activate a trial usage of IDP and AV here.

Figure 4 Service Registration

REGISTRATION

Registration **Service**

Device Registration

New myZyXEL.com account Existing myZyXEL.com account

User Name: ZyWALL

Password: ***** (Type username and password from 6 to 20 characters.)

Confirm Password: *****

E-Mail Address: test@zyxel.com

Country: Taiwan

Service Activation

Content Filtering 1-month Trial

Anti Spam 3-month Trial

IDP/AV 3-month Trial

Note: For more device services management, please go to myZyXEL.com

- 3 Click the **Service** tab. After you are satisfied with the IDP and AV services, you should purchase an iCard and activate standard service in the service screen by entering the license key.

Figure 5 Activate Standard Services.

REGISTRATION

Registration **Service**

Service Management

Service	Status	Registration Type	Expiration Day
Content Filter Service	Inactive	-	-
Anti-Spam Service	Inactive	-	-
IDP/Anti-Virus Service	Inactive	-	-

License Upgrade

License Key

(Sync with myZyXEL.com to download license Info.)

- 4** Click **SECURITY, AV**. Enable AV and select the services and interfaces for AV traffic inspection in this screen.

Figure 6 Activate AV

ANTI-VIRUS

General Update

General Setup

Enable Anti-Virus

Available Service

Service	Active	Log	Alert	Protected Interface	Send Windows Message	Destroy File
FTP (TCP 20/21)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> LAN <input checked="" type="checkbox"/> WAN_1 <input checked="" type="checkbox"/> WAN_2 <input checked="" type="checkbox"/> DMZ	<input type="checkbox"/>	<input type="checkbox"/>
HTTP (TCP 80, 8080, 3128)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> LAN <input checked="" type="checkbox"/> WAN_1 <input checked="" type="checkbox"/> WAN_2 <input checked="" type="checkbox"/> DMZ	<input type="checkbox"/>	<input type="checkbox"/>
POP3 (TCP/UDP 110)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> LAN <input checked="" type="checkbox"/> WAN_1 <input checked="" type="checkbox"/> WAN_2 <input checked="" type="checkbox"/> DMZ	<input type="checkbox"/>	<input type="checkbox"/>
SMTP (TCP/UDP 25)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> LAN <input checked="" type="checkbox"/> WAN_1 <input checked="" type="checkbox"/> WAN_2 <input checked="" type="checkbox"/> DMZ	<input type="checkbox"/>	<input type="checkbox"/>

Apply Reset

5 Click **SECURITY, IDP**. Enable IDP on the selected ZyWALL interfaces in this screen. Traffic going out from the ZyWALL through the selected interface(s) is inspected for malicious packets.

Figure 7 Activate IDP

INTRUSION DETECTION AND PREVENTION

General Signature Update Backup & Restore

General Setup

Enable Intrusion Detection and Prevention

Protected Interface	Active
WAN1	<input checked="" type="checkbox"/>
WAN2	<input checked="" type="checkbox"/>
LAN	<input checked="" type="checkbox"/>
DMZ	<input checked="" type="checkbox"/>

Apply Reset

- 6 Use either the **AV** or **IDP Update** screen to regularly update AV and IDP signatures. Regular updates are important as new network threats evolve.

Figure 8 Update Services

INTRUSION DETECTION AND PREVENTION

General Signature **Update** Backup & Restore

Signature Information

Current Pattern Version: v001.002
Release Date: 09:02:04 06/01/2005
Last Update: N/A
Current IDP Signatures: 1723

Signature Update

Service Status: **License Inactive**

Synchronize the IDP and Anti-Virus Signature to the latest version with the online update server.

Update Server: myupdate.zywall.zyxel.com Update Now

Auto Update

Hourly

Daily 18 (0'clock)

Weekly Wednesday 18 (0'clock)

Apply Reset

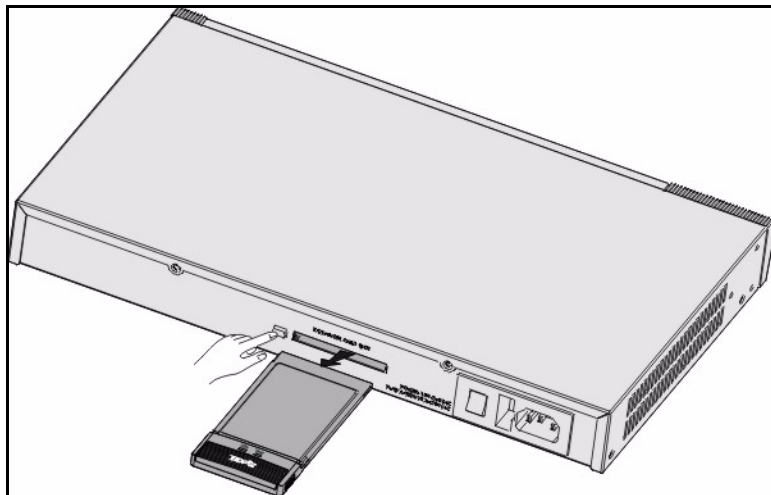
4 Removing Turbo

1 Turn off the ZyWALL.

Note: Do not remove Turbo while the ZyWALL is turned on.

2 Press the eject button to pop Turbo out from the slot.

Figure 9 Removing Turbo



3 Replace the cover on the slot to prevent dust etc. from entering the ZyWALL

5 Product Specifications

FEATURE	DESCRIPTION
Operating Environment	Temperature: 0°C to 40° C Humidity: 5 to 90% (non-condensing)
Dimensions	(W) 115mm × (D) 55mm × (H) 9mm
Weight	41 (g)