



hyperoptic EX 5601 Hyperhub Manager Web User Guide

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Zyxel EX5601 Detailed User Guide

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Accessing Hyperhub manager web configurator

To access the Hyperhub manager,

1. Make sure your Hyperhub is properly connected. Connect your computer to Hyperhub's LAN port using Ethernet cable, or to WiFi. Refer to Quick Start Guide for the set-up instructions.


2. Launch your web browser and go to <https://192.168.1.1/>.
3. At the login screen, enter the default user name admin and the default password (on the back of WiFi details card or device label), then click **Login**.



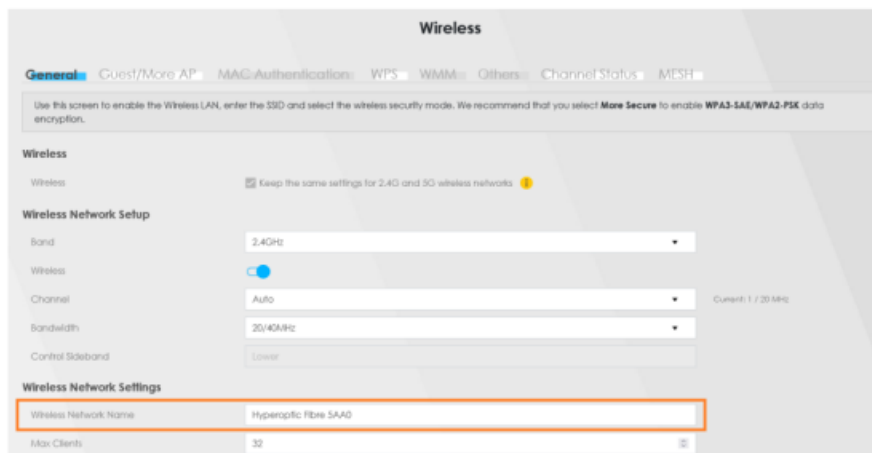
Note: during first login, you will be asked to change the password. This is optional.

4. Click the menu icon  and Connection Status to go to status dashboard.

Changing WiFi name (SSID) and password

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting – Wireless – General page.

To change the WiFi name, modify the Wireless Network Name field. Press Apply on the bottom of the page to apply the change.



To change the WiFi password, navigate to Security Level in General page.

Uncheck Generate password automatically and enter your desired password in the Password field. Press Apply on the bottom of the page to apply the change.

Security Level

No Security More Secure (Recommended)

Security Mode: WPA3-SAE/WPA2-PSK

Protected Management Frames: Capable

☐ Generate password automatically


Enter 8-43 ASCII characters or 64 hexadecimal digits (0-9, "A-F").

Password: [Empty]

Strength:

Cancel Apply

Enabling Guest WiFi

After logging into the Hyperhub manager (refer to Section 1), Click the menu icon  and Connection Status to go to status dashboard.

Under Guest WiFi Settings, turn on both 2.4G and 5G guest WiFi.

Guest WiFi Settings

2.4G

☒ 2.4G WiFi Name: Zyxel_6EC1_guest1 WiFi Password: [Masked]

5G

☒ 5G WiFi Name: Zyxel_6EC1_guest1 WiFi Password: [Masked]

>

To change the Guest WiFi details, navigate to Network Setting > Wireless > Guest/More AP page.

Press the modify button  on the first Guest WiFi

Wireless

General **Guest/More AP** MAC Authentication WPS WMM Others Channel Status MESH

This screen allows you to configure a guest wireless network that allows access to the Internet only through the Zyxel Device.

| # | Status | SSID | Security | Guest WLAN | Modify |
|---|--------|-------------------|--------------------------|----------------|---|
| 1 | | Zyxel_6EC1_guest1 | WPA3-Personal-Transition | External Guest | [Modify] |

Modify the Wireless Network Name field. Press OK on the bottom of the page to apply the change.

Wireless Network Settings

Wireless Network Name: Hyperoptic Fibre 6EC1_guest1

☐ Hide SSID

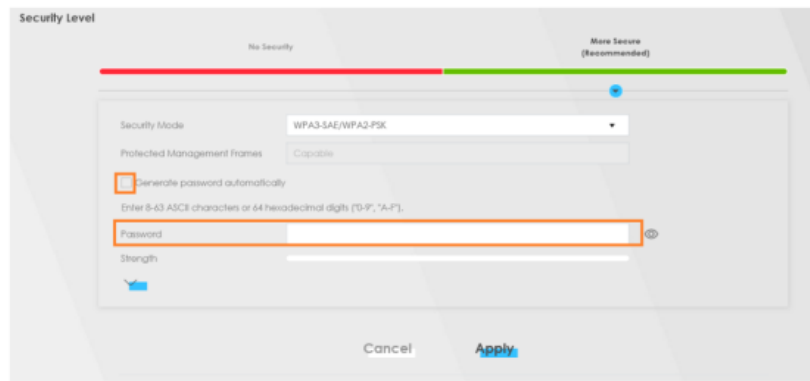
☒ Guest WLAN

Access Scenario: External Guest


OK

To change the Guest WiFi password, navigate to Security Level.

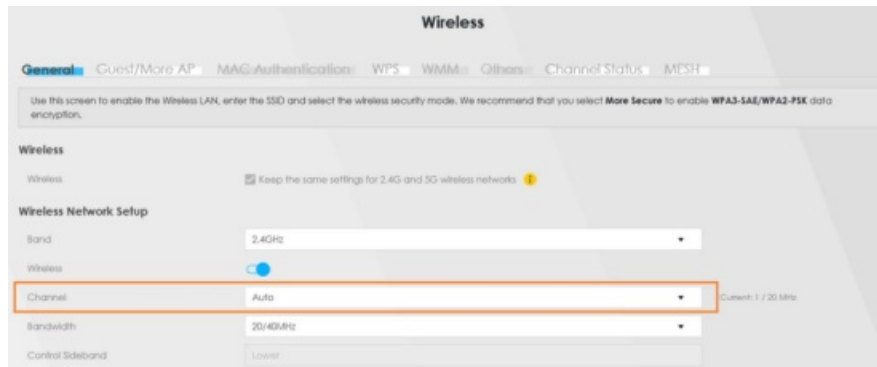
Uncheck Generate password automatically and enter your desired password in the Password field. Press OK on the bottom of the page to apply the change.



Changing WiFichannel

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting – Wireless – General page.

To change the WiFichannel, select the desired band, then the desired channel on the Channel dropdown menu. Press Apply on the bottom of the page to apply the change.




Connecting device with WPS

Your Hyperhub router support connection through WPS. There are two methods to connect device with WPS:

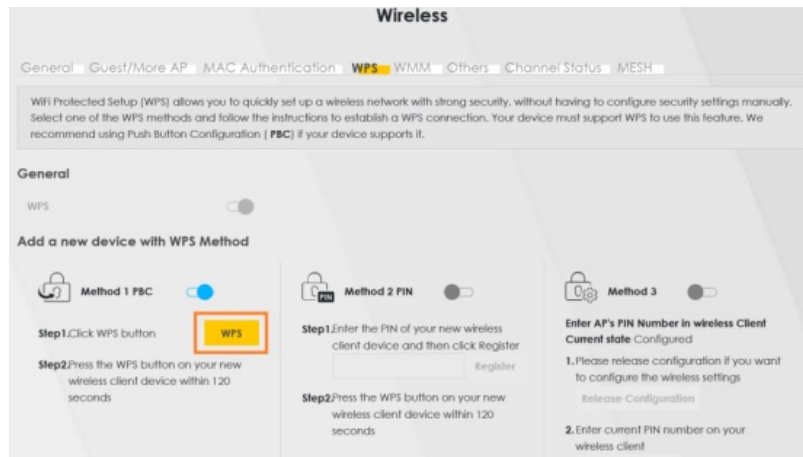
1. There is a dedicated WPS button on the left side of your Hyperhub router, below the Wi-Fi on/off button.
To connect, press the WPS button on the Hyperhub router, then press the WPS button on the device you wish to connect within 120 seconds.




2. Alternatively, after logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate

to Network Setting > Wireless > WPS page.

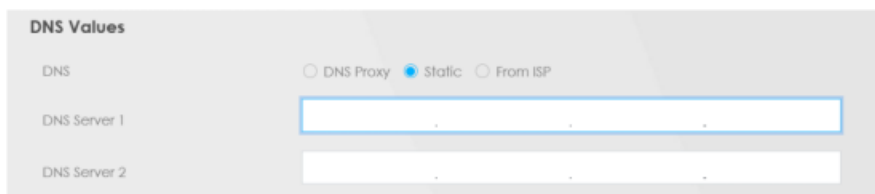
To connect, press the WPS button on the page, then press the WPS button on the device you wish to connect within 120 seconds.



Changing DNS


After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting > Home Networking page.

Scroll down to DNS Values, select Static and enter the IP addresses of the DNS Server. You can set maximum 2 DNS servers.



Press Apply on the bottom of the page to apply the changes.

UPnP

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting > Home Networking > UPnP page.


Toggle the UPnP switch to enable / disable UPnP.

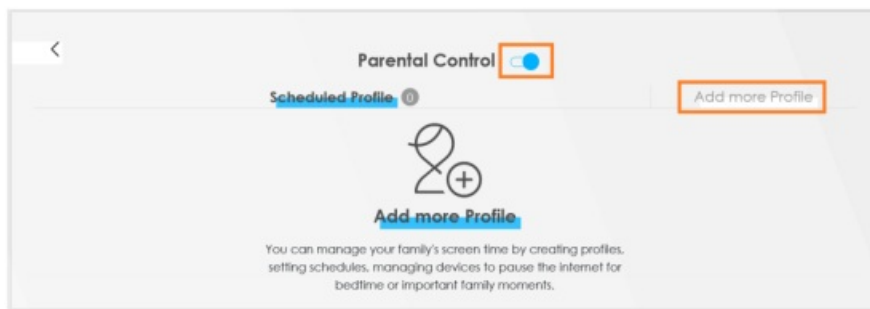


Press Apply on the bottom of the page to apply the changes.

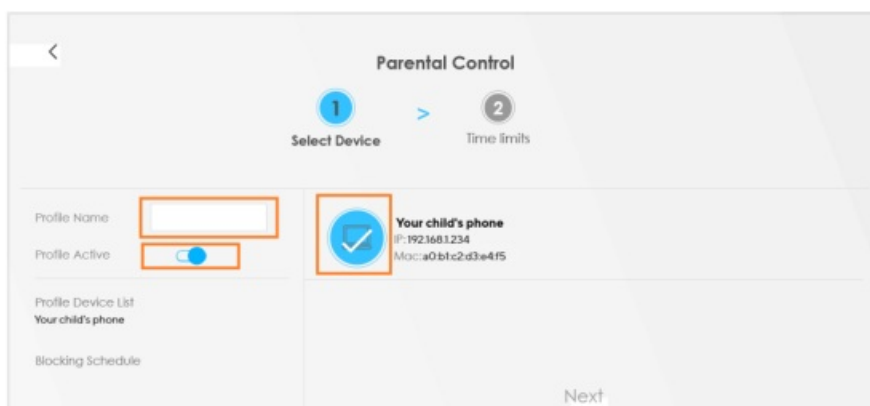
Parental Control and URL Filtering

Your Hyperhub router supports limiting devices' access to Internet during specific day and times, and limiting devices' access to specific websites.

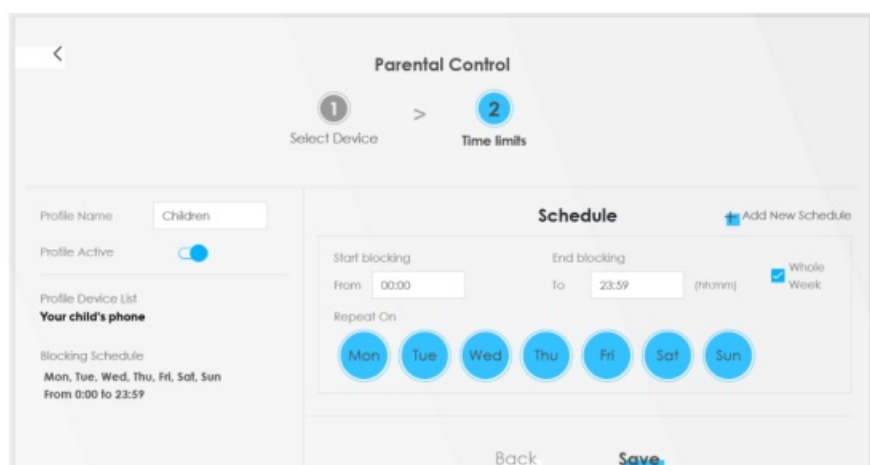
To limit the days and times a device can access the Internet, after logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Security – Parental Control page. Toggle the Parental Control switch on, and press Add more Profile.




Name the profile by entering the Profile Name field and toggle the Profile Active switch on. Then, select the device you want to add to the profile. Once completed, press Next.



At Schedule, enter the day(s) and time to block the device(s) in the profile from accessing the Internet. If you wish to set different times for different days during the week, press Add New Schedule and configure accordingly.



Press **Save** to apply the changes.

To enable URL filtering, after logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Security & Home Security page. Enter the URL of a website or keyword in the field and press Block.

Connected Home Security

You may be more specific by adding URL into the list. The website under the specific domain will be blocked.

Enter Website URL

example.com

Block

e.g. if you want to block a website with the domain name www.exampleweb.com, you can enter:

- <http://exampleweb.com>
- <https://exampleweb.com>
- exampleweb.com
- www.exampleweb.com
- example

Changing admin password

After logging into the Hyperhub manager (refer to Section 1), click the menu icon and navigate to Maintenance User Account page.

Then, press the Modify button at the far right of the admin account entry.

User Account

In the **User Account** screen, you can view the settings of the "admin" and other user accounts that you use to log into the Zyxel Device to manage it.
Use this screen to create or manage user accounts and their privileges on the Zyxel Device.

[Add New Account](#)

| # | Active | User Name | Retry Times | Idle Timeout | Lock Period | Group | Remote Privilege | Modify |
|---|--------|-----------|-------------|--------------|-------------|---------------|------------------|--------|
| 1 | | admin | 3 | 5 | 5 | Administrator | LAN, WAN | |

Enter the Old Password, New Password and Verify Password accordingly and press OK to confirm.

User Account Edit

Active ☐

User Name

Old Password

New Password

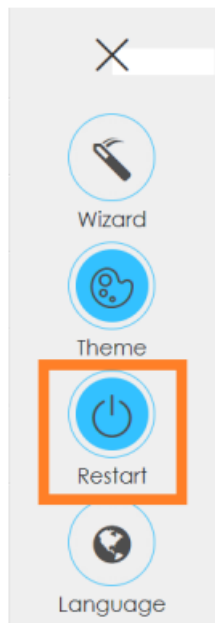
Verify Password

Cancel OK

Reboot /Factory Reset


To reboot your Hyperhub router, switch off your router, then wait 5 seconds to switch on.

Alternatively, after logging into the Hyperhub manager (refer to Section 1), click the menu icon Press Restart on the sidebar, then press OK.

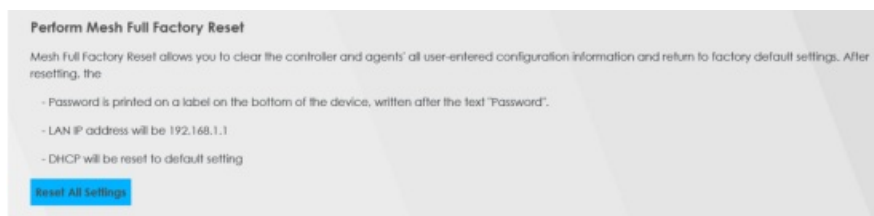


We recommend using factory reset as last resort or as instructed by our Customer Service agent as frequent use will shorten the useful life of the Hyperhub router. Factory reset will delete all configured options by you on the router.

There are two Factory Reset methods:


1. Reset the Hyperhub router while preserving the WiFi details including setting to Minihub mesh extender.
2. Reset all settings in the Hyperhub router After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Maintenance → Backup/Restore page.

At the bottom of the page, select the type of reset you require, then press OK to confirm.



Configuring USB Storage

Your Hyperhub router supports sharing of USB storage devices across the home network via SMB or DLNA protocol.

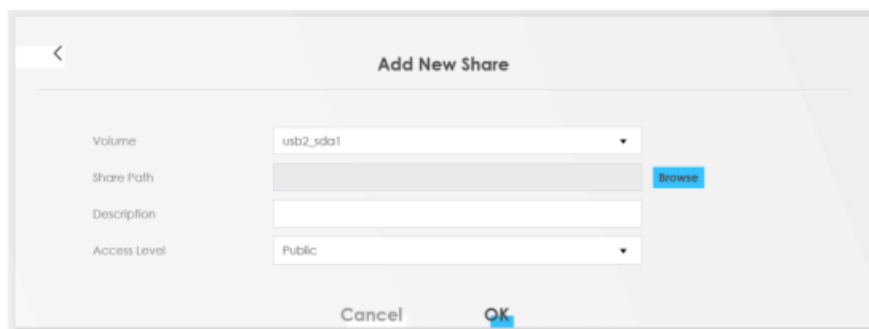
After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → USB Service page.

Here you will see File Sharing (via SMB) and Media Server (via DLNA) pages.

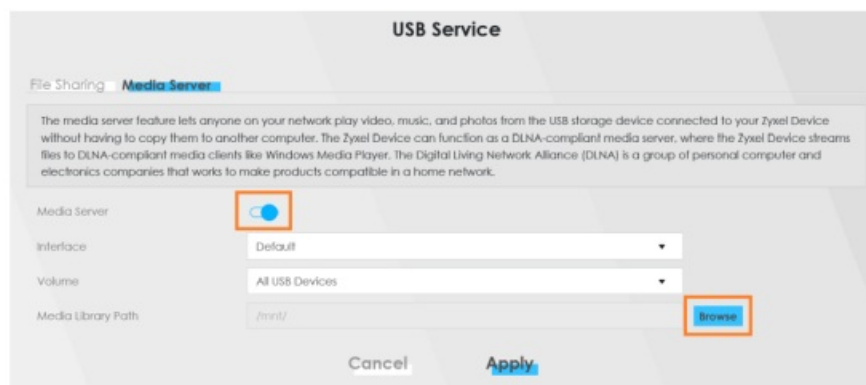
To share USB storage across the network, after plugging in your USB storage device to the USB port, switch on File Sharing Services. Then, press Add New Share.




Select the storage volume from Volume list, and at the Share Path, click Browse to select a subfolder to share (default is sharing the whole volume). Enter a description and select either Public (no further authentication required) or Security (requires entering the user name and password when accessing) from the Access Level list. Click OK to confirm, then Apply to confirm the changes.



To share video, music and photo from the USB storage, switch on Media Server and click Browse to select the folder to share. Press Apply to confirm.



Port Forwarding

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting ➔ NAT ➔ Port Forwarding page.


Press Add New Rule to configure port forwarding.

At the page, enter the rule name in Service Name field, the preferred port or port range to forward or translate, and protocol (TCP or UDP or both). Press OK to confirm the configuration.

Note: TCP port 7547 is reserved for system use.

DMZ


You can put your public servers on the DMZ to provide service on both WAN and LAN side. The DMZ (DeMilitarized Zone) is a network between WAN and LAN that is accessible to devices on both sides with firewall protection.

To use this feature, you need to first assign a DMZ host. After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → NAT → DMZ page. Enter the IPv4 address of the server that will receive packets from ports not specified in Port Forwarding page (refer to section 12). Then press Apply to activate.

To deactivate DMZ, remove the IPv4 address, and press Apply.

Note: Placing LAN devices in DMZ can pose a cybersecurity risk if the IPv4 address is incorrectly set. Please proceed with caution.

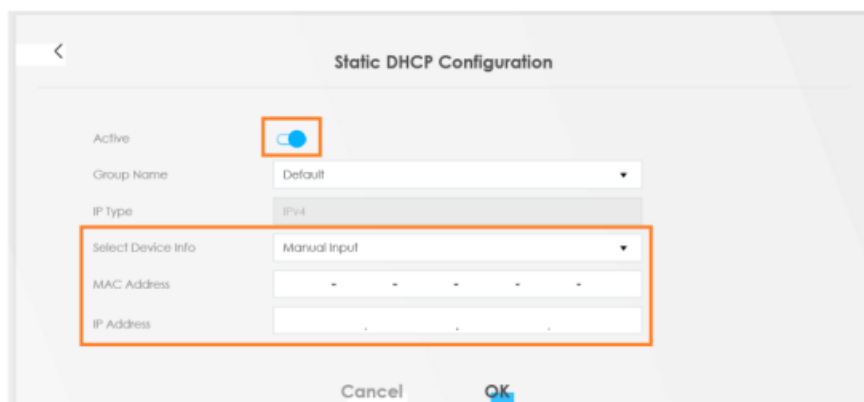
Configuring static IP to client – DHCP Binding

You can specify fixed IPv4 addresses on your network to specific devices. After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → NAT → Port Forwarding page. Press Static DHCP Configuration.

At the next page, switch on Active and either:


- Select the device that is connected via LAN or Wi-Fi from the Select Device Info menu; or
- Manually enter the device MAC address

Then, enter the desired IPv4 address for the device. Press OK to confirm.



The image shows the 'Static DHCP Configuration' screen. It has a back arrow at the top left. The title is 'Static DHCP Configuration'. Below the title, there is a section with the following fields: 'Active' with a toggle switch (highlighted with an orange box), 'Group Name' with a dropdown menu showing 'Default', 'IP Type' with a dropdown menu showing 'IPv4', 'Select Device Info' with a dropdown menu showing 'Manual Input' (highlighted with an orange box), 'MAC Address' with a text input field, and 'IP Address' with a text input field. At the bottom, there are 'Cancel' and 'OK' buttons.

Dynamic DNS

After logging into the Hyperhub manager (refer to Section 1), click the menu icon  and navigate to Network Setting → DNS → Dynamic DNS page.

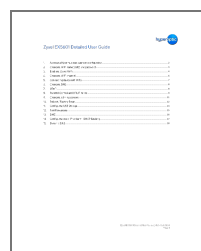
Select from one of the supported Dynamic DNS service providers on the Service Provider list and enter the host name (the URL to be handled by the service provider) and login credentials. Press Apply to confirm.



The image shows the 'Dynamic DNS Setup' screen. It has a title 'DNS' and a sub-title 'Dynamic DNS'. Below the title, there is a description: 'Dynamic DNS can update your current dynamic IP address mapping to a hostname. Use this screen to configure a DNS service provider on your Zyxel Device.' The main section is 'Dynamic DNS Setup'. It contains the following fields: 'Dynamic DNS' with a toggle switch (highlighted with an orange box), 'Service Provider' with a dropdown menu showing 'www.DynDNS.com' (highlighted with an orange box), 'Host Name' with a text input field, 'Username' with a text input field, and 'Password' with a text input field. There are also checkboxes for 'Enable Wildcard Option' and 'Enable Off Line Option (Only applies to custom DNS)'. At the bottom, there is a 'Dynamic DNS Status' section with fields for 'User Authentication Result', 'Last Updated Time', and 'Current Dynamic IP'. At the bottom right, there are 'Cancel' and 'Apply' buttons.



Documents / Resources

| | |
|---|--|
|  | <p>hyperoptic EX 5601 Hyperhub Manager Web [pdf] User Guide EX 5601, EX 5601 Hyperhub Manager Web, Hyperhub Manager Web, Manager Web</p> |
|---|--|

References

- [User Manual](#)

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