

UniFi Controller

Powered by Raspberry Pi

[English version]



- 1) Connect the device to the home/company network with an Ethernet cable to the RJ45 port
- 2) Connect power supply to the microUSB port (power supply at least 5 VDC/2.5 A) or use an active POE extractor (power supply and extractor **not included**)
- 3) Wait for the system to start, including the UniFi application, approximately 2 minutes
- 4) A. DHCP server is active in the network:
 - a. Enter the address in the browser in the form <https://<DHCP-IP>:8443>B. DHCP server is not active in the network:
 - a. On your computer set an IP address in the range 192.168.1.0/24
 - b. Enter <https://192.168.1.30:8443> in your browser
- 5) Software settings manual:
 - A. Settings with the possibility of remote access (account required at <https://www.ui.com>)
 - a. Name your network (Fig. 1)
 - b. Enter your login details at <https://www.ui.com> (Fig. 2)
 - c. Set UniFi network options (Fig. 3)
 - d. Select the UniFi device in the current network (Fig. 4)
 - e. Enter the name of the new wireless network and the encryption key (Fig. 5)
 - f. Review the configuration, select the correct country where the network will be operated and the correct timezone (Fig. 6)
 - B. Settings without remote access
 - a. Name your network (Fig. 1)
 - b. Switch to Advanced Settings and disable remote access and use your Ubiquiti account for local login. Fill in the login details according to your own preferences. (Fig. 7)
 - c. Set UniFi network options (Fig. 3)
 - d. Select the UniFi device in the current network (Fig. 4)
 - e. Enter the name of the new wireless network and the encryption key (Fig. 5)
 - f. Review the configuration, select the correct country where the network will be operated and the correct timezone (Fig. 6)
- 6) Username and password for console and SSH access:
 - a. pi / RaspberryPi3 or ubnt / ubnt
- 7) Resetting the UniFi controller to factory settings - log in via the console or SSH and edit the file system.properties by command "sudo mcedit /usr/lib/unifi/data/system.properties", change value „is_default=false“ to „is_default=true“, press F10 and confirm saving file, finally reboot your Raspberry by "sudo reboot" command.
- 8) The complete UniFi SW documentation is available at <https://www.ui.com>



Step 1 of 6

Name Your Controller

Use a simple name to help differentiate your controller when managing multiple networks.

Controller Name

UniFi Network

By selecting this you are agreeing to [end user license agreement](#) and the [terms of service](#).

[Or restore setup from backup](#)



Step 2 of 6

Sign in with your Ubiquiti Account

Use your Ubiquiti Account to access your Controller via the [unifi.ui.com](#) service or locally with the same credentials.

Username

Password

[Switch to Advanced Setup](#)



Step 3 of 6

UniFi Network Setup

Basic configuration for your network.

Automatically optimize my network

UniFi Network automatically detects and sets the most commonly missed, but vital, settings for improved WiFi and network performance.

Enable Auto Backup

UniFi Network will periodically do backups of your setup.



Step 4 of 6

Devices Setup

Please select the devices you would like to configure.

MODEL IP MAC

UniFi AP-AC-LR



Step 5 of 6

WiFi Setup

Name your new Wi-Fi network and choose a password.

WiFi Name

YOUR_SSID

WiFi Password

Combine 2 GHz and 5 GHz WiFi Network Names into one



Step 6 of 6

Review Configuration

Check your configuration and setup your Controller.

Controller Name UniFi Network

Remote Access Enabled

Use Ubiquiti account for local access Yes

Ubiquiti Account

WiFi Name YOUR_SSID

Country or territory Czech Republic ▾

Timezone (UTC+02:00) Europe/Prague ▾



Step 2 of 6 (Advanced)

Advanced remote and local access

Change access methods and local accounts

Enable Remote Access

You will not be able to login to this device via the Remote Access and must provide local credentials for managing this device, all its controllers as well as SSH.

Use your Ubiquiti account for local access

Local Administrator Username

Local Administrator Password

Confirm password

Local Administrator Email

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