

# OpenLiteSpeed

Install a lightweight OpenLiteSpeed container using either the Edge or Stable version in Ubuntu 24.04 Linux.

## Prerequisites

- [Install Docker](#)

## Build Components

The system will regularly build both OpenLiteSpeed Edge and Latest stable versions, along with the last two PHP versions.

Component	Version
Linux	Ubuntu 24.04
OpenLiteSpeed	<a href="#">Latest stable version</a>
PHP	<a href="#">Latest stable version</a>

## Usage

### Download an image

Download the OpenLiteSpeed image. You can use `latest` for the latest version:

#### AMD64

```
docker pull litespeedtech/openlitespeed:latest
```

#### ARM64

```
docker pull ghcr.io/ndigitalis/openlitespeed:latest
```

Or use a specific OpenLiteSpeed version and lsphp version:

#### AMD64

```
docker pull litespeedtech/openlitespeed:1.8.2-lsphp83
```

#### ARM64

```
docker pull ghcr.io/ndigitalso/openlitespeed:1.7.16-lsphp81
```



#### Note

The ARM64 repo and image are contributed and maintained by ndigitalso.

## Start a Container

#### AMD64

```
docker run --name openlitespeed -p 7080:7080 -p 80:80 -p 443:443 -it  
litespeedtech/openlitespeed:latest
```

#### ARM64

```
docker run --name openlitespeed -p 7080:7080 -p 80:80 -p 443:443 -it  
ghcr.io/ndigitalso/openlitespeed:latest
```

You can also run with Detached mode, like so:

#### AMD64

```
docker run -d --name openlitespeed -p 7080:7080 -p 80:80 -p 443:443 -it  
litespeedtech/openlitespeed:latest
```

#### ARM64

```
docker run -d --name openlitespeed -p 7080:7080 -p 80:80 -p 443:443 -it  
ghcr.io/ndigitalso/openlitespeed:latest
```



#### Tip

You can eliminate `-p 7080:7080` from the command if you don't need WebAdmin access.

## Add a sample page

The server should start running successfully, and you should be able to log into the container. Add some files you want to display with the following command:

```
docker exec -it openlitespeed bash
```

Your default `WORKDIR` should be `/var/www/vhosts/`, since the default document root path is `/var/www/vhosts/localhost/html`. Simply add the following command to `index.php`, then we can verify it from the browser with a public server IP address on both HTTP and HTTPS.

```
echo '<?php phpinfo();' > localhost/html/index.php
```

## Stop a Container

Feel free to substitute the "openlitespeed" to the "Container\_ID" if you did not define any name for the container.

```
docker stop openlitespeed
```

## Customization

Sometimes you may want to install more packages from the default image, or some other web server or PHP version which is not officially provided. You can build an image based on an existing image. Here's how: 1. Download the dockerfile project 2. `cd` into the project directory 3. Edit the Dockerfile here if necessary 4. Build, feeling free to substitute server and PHP versions to fit your needs

For example:

```
git clone https://github.com/litespeedtech/ols-dockerfiles.git
cd ols-dockerfiles/template
bash build.sh -L 1.8.2 -P lsphp83
```

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