

EC2 > ... > Launch an instance

## Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

### Name and tags [Info](#)

Name

AIS

[Add additional tags](#)

### Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

#### Quick Start

Amazon Linux

aws

macOS

Mac

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

SUSE Li

SUSE

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

#### Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

Free tier eligible

ami-0ad522a4a529e7aa8 (64-bit (x86), uefi-preferred) / ami-0e37b4d777c05ea5c (64-bit (Arm), uefi)

Virtualization: hvm    ENA enabled: true    Root device type: ebs

#### Description

Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Architecture

64-bit (x86)

Boot mode

uefi-preferred

AMI ID

ami-0ad522a4a529e7aa8

Username

ec2-user

Verified provider

### Instance type [Info](#) | [Get advice](#)

#### Instance type

t2.micro

Free tier eligible

Family: t2    1 vCPU    1 GiB Memory    Current generation: true

On-Demand Linux base pricing: 0.0146 USD per Hour

On-Demand Windows base pricing: 0.0192 USD per Hour

On-Demand RHEL base pricing: 0.029 USD per Hour

On-Demand SUSE base pricing: 0.0146 USD per Hour

All generations

[Compare instance types](#)

[Additional costs apply for AMIs with pre-installed software](#)

### Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Select

[Create new key pair](#)

### Network settings [Info](#)

[Edit](#)

#### Network [Info](#)

vpc-05f83695f386c87bb

#### Subnet [Info](#)

No preference (Default subnet in any availability zone)

#### Auto-assign public IP [Info](#)

Enable

[Additional charges apply to public IP addresses outside of free tier allowances](#)

### Summary

Number of instances [Info](#)

1

#### Software Image (AMI)

Amazon Linux 2023 AMI 2023.5.2...[read more](#)  
ami-0ad522a4a529e7aa8

#### Virtual server type (instance type)

t2.micro

#### Firewall (security group)

New security group

#### Storage (volumes)

1 volume(s) - 8 GiB

**Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which

Cancel

[Launch instance](#)

[Review commands](#)

[Preview code](#)

Additional charges apply when outside of free tier allowance

Firewall (security groups) [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group

☐ Select existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

- ☒ Allow SSH traffic from  
Helps you connect to your instance

Anywhere  
0.0.0.0/0
- ☐ Allow HTTPS traffic from the internet  
To set up an endpoint, for example when creating a web server
- ☐ Allow HTTP traffic from the internet  
To set up an endpoint, for example when creating a web server

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

▼ **Configure storage** [Info](#) Advanced

1x  GiB  ▼ Root volume (Not encrypted)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

Click refresh to view backup information  
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

0 x File systems Edit

► **Advanced details** [Info](#)