

# Outscale Flexible Compute Unit (FCU)



## FCU Benefits

- Robust Offerings to Meet Your Custom Needs
- Flexible Billing Options
- Quick and Easy Migrations
- Enterprise-Class Hardware
- Easy-to-Use Portal

Outscale offers Flexible Compute Unit (FCU), a range of Virtual Machines (VMs) that adapt to your computing needs. With FCU, you are in control of all of your cloud resources, and can quickly and easily obtain and configure capacity in Outscale's computing environment. Outscale FCU reduces the time required to obtain and start up new servers to minutes, which allows you to quickly scale capacity up and down, based upon your computing requirements. Our FCU support your compute needs to create agile, scalable and enterprise-class applications.

## Virtual Machines - Flexible Solutions to Meet Your Needs

With Outscale, you have the freedom to select the VM type, as well as the specific hardware configuration of the server that hosts it. You can launch your VMs and start your projects with just a few simple clicks.



Each VM, whether launched in the public cloud or a Virtual Private Cloud (VPC), offers pre-set configurations for storage and memory. Outscale offers a wide array of services to help you meet your computing needs. With the Outscale Custom CxRy Virtual Machines, you can choose the number of vCores and memory to meet your needs. We also offer Outscale-specific Virtual Machines and AWS-compatible Virtual Machines with the VM deployment and management scripts so your migration is seamless and pain free.

---

## Custom CxRy Virtual Machines

Unlike traditional Virtual Private Server (VPS) vendors, Outscale allows you to create your own fully customized, high-performance VMs without being limited by preset VM formats.

The Outscale Custom CxRy Virtual Machines allows you to directly customize the number of CPUs and the amount of RAM to suit your needs. you can choose up to 38 vCore, 180 GiB memory and your Intel processor generation.

You can create each of the tailor-made VMs that can meet your requirements and optimize your cloud infrastructure. You have great flexibility in the capabilities of your VMs. Learn more about [Custom CxRy Virtual Machines](#).

## Outscale-specific Virtual Machines

Outscale puts different VMs at your disposal to develop your specific projects on the public cloud. These are VMs specifically tailored to meet specific needs that require optimization, such as:

- High Performance Computing (HPC)
- Big Data
- 3D Rendering

The VMs offered are modular and contain different parameters of storage, processors, network and RAM.

The creation of VMs is automatic. Just fill in the basic settings and in a few clicks your Outscale VM is created and ready for use.

These VMs come with a predefined hardware configuration and are grouped into categories according to their capabilities and usage. Outscale provides VMs dedicated to specific needs (High Performance Computing, Big Data, optimized memory and compute).

## AWS-compatible Virtual Machines

Outscale provides Amazon EC2™- and OpenStack-compatible solutions, which allows you to use the same VM deployment and lifecycle management scripts. No learning curve!

Without having to rewrite your code, use the same deployment and lifecycle management scripts for AWS-compliant Virtual Machines (Amazon EC2).

You can deploy a multi-cloud infrastructure with the same API scripts.

\* AWS™, AWS EC2™ and Amazon Web Services™ are trademarks of Amazon Technologies, Inc. or its affiliates in the United States and/or other countries.

---

## Benefits

- **Robust Offerings to Meet Your Custom Needs** - Solutions to meet your needs, whether you choose to select a predefined hardware configuration or require a custom cloud solution.
- **Flexible Billing Options** - You have the option to choose how you want to be billed. Whether it's pay per second, per minute, per hour or a monthly fee, you choose whatever makes most sense to you and only pay for what you use.
- **Quick and Easy Migrations** - You can migrate to/from other clouds using open APIs. No need to stress out about rewriting all the code.
- **Enterprise-Class Hardware** - We offer an enterprise-class infrastructure built from the ground up with market-leading technologies from our industry-leading partners, including Cisco, Intel, MapR, NetApp and Nvidia.
- **Easy-to-Use Portal** - Outscale provides Cockpit, a web interface for you to deploy your IT resources. In addition to the APIs, you can use Cockpit and have total control of the elastic cloud resources.

---

No matter what your business needs are, Outscale Flexible Compute Unit is here to support you. Choose from one of our solutions and start your cloud journey today. [Contact us](#) for more details.

## Contact Us

[www.outscale.com](http://www.outscale.com)

