



# Zenlayer Elastic Compute

Edge compute that thinks beyond the cloud.

## Overview:

Zenlayer Elastic Compute (ZEC) delivers low-latency virtual machines (VMs) at the edge. Unlike traditional cloud providers focused on centralized regions, ZEC is purpose-built to excel in emerging markets through a globally distributed network of edge nodes. Backed by our hyperconnected private backbone with industry-leading networking capabilities, ZEC offers unmatched performance and reach. As a part of Zenlayer's compute product family, ZEC combines the scalability of public clouds with the flexibility of traditional private deployments, making it easy to tailor solutions to your most complex and unique business requirements.

## Used by:



Gaming



Streaming Platforms



Virtual Private  
Network



Web & Mobile App  
Hosting



Cloud-native &  
Enterprise Applications

## Product Highlights:



### High Performance

- Powered by the latest Intel and AMD CPUs, ZEC delivers near bare-metal performance
- One elastic IP (EIP) supports >10 Gbps bandwidth
- Cross-region global networking ensures low latency and high availability



### Unparalleled Networking

- Full VPC functionality, including route tables, subnets, and global Layer 3 networking
- Elastic billing for NAT gateway and load balancer services, enabling diverse network architectures
- EIPs support both NAT and high-performance passthrough modes (NAT for flexibility, passthrough for high-bandwidth applications)
- Each load balancer can support >100Gbps throughput



### End-to-End Reliability

- Auto-failover within 30 seconds in case of VM failure
- Memory fault isolation technology reduces risk of crashes
- Bidirectional DDoS protection, mitigating attacks within 10 seconds



### Flexible Deployment

- Instance activation in under 30 seconds
- Multiple Linux and BSD OS options available
- 20 global nodes, all with full functionality for a consistent experience everywhere

## Customer benefits:



### Accelerate entry into emerging markets

Deploy in hard-to-reach regions without waiting for public cloud expansion or localized infrastructure. With edge nodes covering underserved geographies, ZEC makes it easy to launch services faster where others cannot.



### Optimize for cost and performance

Match or beat public cloud pricing for improved cost efficiency. When combined with Zenlayer's global networking, ZEC delivers a stronger price-performance ratio, especially for sustained or bandwidth-heavy workloads.



### Deploy with greater flexibility

Leverage tailored compute specs, network routing, and hybrid options that fit your exact needs. ZEC enables bespoke infrastructure without the complexity of building or managing it yourself.

## Zenlayer Elastic Compute Global Availability



## Launch Your Elastic Compute in Minutes

[Zenlayer Elastic Compute is quick and easy to deploy using zenConsole.](#) Start delivering high-performance edge experiences anywhere in the world. For custom configurations or requirements, contact an elastic compute expert.

✉ [sales@zenlayer.com](mailto:sales@zenlayer.com)



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