

# FLEXSERVERS BY PHOENIXNAP

The world's only solution that lets you vertically scale 2nd Gen Intel Xeon Scalable CPUs on a bare metal server with a single reboot.



## 4 in 1: Unique vertical CPU scaling capability

**FAST. RELIABLE. DDOS-PROTECTED**

FlexServers by phoenixNAP are developed in collaboration with Intel as a unique solution for data-hungry workloads. Leveraging 2nd Gen Intel Xeon Scalable processor technology, FlexServers enable you to shift between four different CPU configurations without requiring hardware changes, data migration or complex installations, while retaining bare metal hardware access with no virtualization overhead.



### Vertical CPU Scaling

Change your server on the fly!  
Simply request a reboot to choose a completely new out of four server configurations available.



### Built-in Deep Learning Capabilities

Run AI-focused workloads on the same infrastructure and boost inference performance with Intel Deep learning Boost and VNNI instruction sets.



### Global Availability

FlexServers are available from phoenixNAP's strategic locations in the U.S., Europe, and Asia, providing you with global reach.

*"Thanks to the advanced performance features, phoenixNAP's platform enables Vizion.ai to work seamlessly across devices and applications, deliver the optimal performance and responsiveness and provide advanced ML capabilities bringing unparalleled insight to data."*

Jason McKinney, SVP, Alliances at Panzura.

## Available Systems

### 2x Intel Xeon Gold 6258R (20x2.4GHz)

Comparable to Xeon Silver 4210R Processors  
RAM: 128GB DDR4 Storage: 2x1TB NVMe

### 2x Intel Xeon Gold 6258R (40x2.1GHz)

Comparable to Xeon Gold 5218R Processors  
RAM: 128GB DDR4 Storage: 2x1TB NVMe

### 2x Intel Xeon Gold 6258R (52x2.1GHz)

Comparable to Xeon Gold 6230R Processors  
RAM: 128GB DDR4 Storage: 2x1TB NVMe

### 2x Intel Xeon Gold 6258R (56x2.7GHz)

Comparable to Xeon Gold 6258R Processors  
RAM: 128GB DDR4 Storage: 2x1TB NVMe

## USE CASES

FlexServers by phoenixNAP can support a wide variety of workloads. With the unique ability to vertically scale the CPU to changing workloads while maintaining bare metal access, businesses can optimize their core infrastructure or run more specialized workloads.

- Virtualization
- Web Servers
- Deep Learning Workloads
- High-Transaction Database
- Enterprise and Cloud
- HPC and Storage

## Features Overview

- Increased CPU core counts and clock speeds vs previous generations
- 10 Gbps public and private network capacity at server level
- Global availability with multiple sites in USA, Europe and Singapore
- Always including FREE 20Gbps DDoS protection for each server
- High performance and high capacity local storage options
- Large volumes of RAM up to 768GB DDR4 per server
- Wide range of hardware components customization



## About phoenixNAP

phoenixNAP is a global IT services provider with a focus on cyber security and compliance-readiness, whose progressive Infrastructure-as-a-Service solutions are delivered from strategic edge locations worldwide. Its cloud, dedicated servers, hardware leasing and colocation options are built to meet always evolving IT requirements.