

phoenixNAP Becomes the World's First Provider to Publicly Offer Vertical CPU Scaling on Bare Metal Servers

phoenixNAP launches FlexServers, a revolutionary new solution fueled by 2nd Gen Intel Xeon Scalable processors

Phoenix, AZ, October 29: phoenixNAP®, a global IT services provider offering security-focused cloud infrastructure, dedicated servers, colocation, and specialized Infrastructure-as-a-Service (IaaS) technology solutions, today announced availability of FlexServers, a revolutionary new bare metal server platform based on 2nd Gen Intel Xeon Scalable processors. Enabling unprecedented agility for organizations to scale among seven different Intel Xeon Scalable CPU performance configurations with a reboot, FlexServers provide a new level of infrastructure efficiency.

Developed in collaboration with Intel, the FlexServers platform is built for data-driven organizations that handle intensive and evolving workloads such as high-performance computing (HPC), artificial intelligence/deep learning (AI/DL), and machine learning (ML). Using a customized Intel Speed Select technology, the solution is unique in its ability to allow users to modulate CPU characteristics up to 7 different performance configurations simply by requesting a server reboot. With the ability to change CPU configurations without hardware updates or complex installations, organizations can improve the efficiency of their IT infrastructure and more flexibly plan their IT budgets.

“Collaborating with Intel for years, we are the first IT services provider to implement and present its configurable Intel Xeon processor technology to the public,” said Ian McClarty, president at phoenixNAP. “FlexServers utilize 2nd Gen Intel Xeon Scalable processors with enhanced configuration flexibility to allow for vertical CPU scaling without hardware updates or migrating data. We can simply reboot a server per client’s demand and provide them with new capabilities in a matter of minutes.”

“Intel strives to introduce capabilities in our platforms that increase value for cloud service end-users and simplify their IT operations.” said Jason Grebe, Corporate Vice President and General Manager of the Cloud Platforms and Technology Group at Intel. “phoenixNAP is now offering our new, unique software-configurable 2nd Gen Intel Xeon Scalable processors that enable users to precisely dial in the optimal performance level for their workloads and budget on the same server.”

Compared to the previous generation CPUs, the 2nd Gen Intel Xeon Scalable processors provide a higher per core performance, new built-in AI acceleration with Intel Deep Learning Boost technology, plus support for greater memory capacity and speeds and, as a custom FlexServer option, support for Intel Optane DC persistent memory that additionally help in accelerating performance of data-hungry workloads. These features make FlexServers ideal for companies with highly dynamic and complex workloads such as high-transaction databases, deep learning, media, gaming or HPC.

As a global IT services provider, phoenixNAP enables deployment of these servers in five strategic global locations – Phoenix, AZ, Ashburn, VA, Chicago, IL, Amsterdam, NL, and Singapore. The available service configurations include dual processor (2S) servers with 2nd Generation Intel Xeon Scalable CPUs with performance configurations ranging from 20 to 48 CPU cores and base frequencies from 2.1 to 2.7 GHz.

“With Intel Deep Learning Boost instruction sets, FlexServers provide a powerful platform for AI-focused inference workloads,” said William Bell Executive Vice President of Product at phoenixNAP, “At the same time, increased core counts and clock speeds of these Intel Xeon Scalable processors further improve performance of enterprise-focused applications and highly virtualized environments. We are thrilled to collaborate with Intel on this launch and be the first provider in the world to publicly offer a possibility of vertical CPU scaling on bare metal.”

“With the introduction of FlexServers we aim to provide unmatched value and flexibility not seen before on bare metal server platforms,” said Martin Wielomski, Director of Products – Infrastructure Services at phoenixNAP. “Flexible pricing options based on CPU scaling and our global deployments provide new level of agility to our clients not just on the technology level, but also from a business perspective as they enable them to run their operations with more confidence.”

To learn more about FlexServers and order, visit phoenixnap.com/servers/flexservers

phoenixNAP is a Premier Service Provider in the VMware® Cloud Provider Program and a Platinum Veeam® Cloud & Service Provider partner. phoenixNAP is also a PCI DSS Validated Service Provider and its flagship facility is SOC Type 1 and SOC Type 2 audited.

About phoenixNAP

phoenixNAP® is a global IT services provider with a focus on cybersecurity 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 businesses requirements. Providing comprehensive disaster recovery solutions, DDoS-protected global network, hybrid IT deployments with software and hardware-based security, phoenixNAP fully supports its clients’ business continuity planning. Offering scalable and resilient opex solutions with expert staff to assist, phoenixNAP supports growth and innovation in businesses of any size enabling their digital transformation. Visit www.phoenixnap.com and follow us on [Twitter](#), [Facebook](#), [LinkedIn](#), and [YouTube](#) for more information.

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