NEWS RELEASE

Penguin Computing Increases Customer Compute Capacity with Availability of the Tundra Platform on its Penguin Computing on Demand HPC Cloud Service

2015-11-17

Continued Growth in Open Computing for HPC

Penguin Computing, a provider of high performance, enterprise data center and cloud solutions, today announced availability of its OCP-compliant Tundra™ platform on the company's Penguin Computing on Demand (POD) public HPC cloud service. "POD customers will realize an immediate benefit of more capacity, as Tundra allows us to scale POD faster and more cost effectively," said Tom Coull, President and CEO, Penguin Computing. "The rapid, modular scaling enabled by Tundra will result in increased capacity and greater performance." Tundra on POD, enabling thousands of new high-speed cores, demonstrates the value of open computing and meets CIO customer interest in faster, easier deployment of capacity. The integration of Tundra and POD also proliferates open computing to the marketplace. Penguin Computing has a strong open source heritage and this announcement is indicative of the significant progress made by companies participating in the Facebook-founded Open Compute Project. "Tundra's high-density and power efficiency has enabled our HPC cloud data centers to reduce the equipment footprint without spiking power requirements," said Victor Gregorio, Vice President and General Manager, Cloud Services, Penguin Computing. "The Open Compute form factor is also incredibly easy to service, enabling shorter maintenance windows and reducing our system administrator to server ratio." Tundra's open rack form factor re-engineers the conventional data center rack for maximum power efficiency, serviceability and investment protection. The open rack design utilizes the available physical space more efficiently and also features a shared, rack-level, redundant AC/DC power conversion and distribution. The Tundra platform exemplifies Penguin Computing's system integration and data center expertise. The storage and compute platforms are powered by Intel® Xeon® processors, and are upgradable to future processor generations. For more information visit Penguin Computing's booth #321 at SC15.