Tencent Cloud Adopts NVIDIA Tesla for AI Cloud Computing

New Tencent Cloud Offerings to Use NVIDIA Pascal-Based GPU Computing and Deep Learning Platform

NVIDIA today announced that Tencent Cloud will adopt NVIDIA® Tesla® GPU accelerators to help advance artificial intelligence for enterprise customers.

Tencent Cloud will integrate NVIDIA's GPU computing and deep learning platform into its public cloud computing platform. This will provide users with access to a set of new cloud services powered by Tesla GPU accelerators, including the latest Pascal™ architecture-based Tesla P100 and P40 GPU accelerators with NVIDIA NVLink™ technology for connecting multiple GPUs and NVIDIA deep learning software.

NVIDIA's AI computing technology is used worldwide by cloud service providers, enterprises, startups and research organizations for a wide range of applications.

"Companies around the world are harnessing their data with our AI computing technology to create breakthrough products and services," said Ian Buck, general manager of Accelerated Computing at NVIDIA. "Through Tencent Cloud, more companies will have access to NVIDIA's deep learning platform, the world's most broadly adopted AI platform."

"Tencent Cloud GPU offerings with NVIDIA's deep learning platform will help companies in China rapidly integrate AI capabilities into their products and services," said Sam Xie, vice president of Tencent Cloud. "Our customers will gain greater computing flexibility and power, giving them a powerful competitive advantage."

GPU-Based Cloud Offerings for AI
Organizations across many industries are seeking greater access to the core AI technologies required to develop advanced applications, such as facial recognition, natural language processing, traffic analysis, intelligent customer service, and machine learning.

The massively efficient parallel processing capabilities of GPUs make the NVIDIA computing platform highly effective at accelerating a host of other data-intensive workloads, including advanced analytics and high performance computing.

As part of the companies' collaboration, Tencent Cloud intends to offer customers a wide range of cloud products based on NVIDIA's AI computing platforms. This will include GPU cloud servers incorporating NVIDIA Tesla P100, P40 and M40 GPU accelerators and NVIDIA deep learning software. Tencent Cloud launched GPU servers based on NVIDIA Tesla M40 GPUs and NVIDIA deep learning software in December.

During the first half of this year, these cloud servers will integrate up to eight GPU accelerators, providing users with superior performance while meeting the requirements for deep learning and algorithms that involve ultra-high data volume and ultra-sized equipment.

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About NVIDIA
NVIDIA's (NASDAQ: NVDA) invention of the GPU in 1999 sparked the growth of the PC gaming market, redefined modern computer graphics, and revolutionized parallel computing. More recently, GPU deep learning ignited modern AI -- the next era of computing -- with the GPU acting as the brain of computers, robots, and self-driving cars that can perceive and understand the world. More information at http://nvidianews.nvidia.com/.

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