

Huawei Showcases CE12800 Series Data Center Switches at CeBIT 2014

Supporting Ongoing Evolution of Cloud Data Centers

Hannover, Germany, March 14, 2014 – Huawei, a leading global information and communications technology (ICT) solutions provider, today showcased its industry-leading CloudEngine12800 (CE12800) series data center core switches and the world's highest-performance T-bit 12x100GE line cards at CeBIT 2014, in Hannover, Germany. The CE12800 is a series of high-performance core switches designed by Huawei for cloud computing data centers, providing advanced switching capacity to help enterprises address the challenges brought by cloud computing and big data in the T-bit internet era.

Adopting an advanced hardware architectural design, Huawei's CE12800 switches fully address the needs of cloud data centers as they develop and evolve. They provide a maximum of 64 Tbit/s switching capacity, enable 4 Tbit/s bandwidth per slot, and support high-density line-speed ports, including 192x100GE, 384x40GE or 1536x10GE ports, with the configuration of the Huawei T-bit 12x100GE line cards. In addition, the CE12800 switches use an industry-leading clos-based architecture and a front-to-rear ventilation channel design to provide high, industrial-level reliability. It also provides comprehensive virtualization capabilities and multiple data center features. As an additional benefit, the CE12800 leverages innovative energy-saving technologies to substantially reduce power consumption.

In addition to the CE12800, Huawei also showcased its brand new T-bit 12x100GE high-speed line cards during CeBIT. These line cards provide 12x100GE CFP2 interfaces, boasting 1.2 Tbit/s line-speed forwarding capability, which is the highest in the industry. It supports 10 km standard optical modules and the industry's largest capacity (2M) of forwarding table entries, providing a stable, reliable, and secure high-performance L2/L3 line-speed forwarding capacity. Each line card supports a shared 18 GB in-board dynamic cache, which enables it to address traffic bursts in data centers. In addition, the line cards are extremely energy-efficient, with a maximum power consumption of less than 700 W supported by a conjoined radiator that enables heat dissipation and temperature evening

for high-power-consumption chips.



Huawei CE12800 Data Center Switch

With a super large switching capacity, which is three times as that of the industry's average, high scalability, reliability, and availability, the Huawei CE12800 series data center core switches have been chosen and deployed by over 220 global customers from various sectors, such as finance, Internet, government, and large enterprises. As of today, Huawei has sold a total of over 1,200 CE12800 series switches world-wide. Companies such as the Agricultural Bank of China (ABC), China National Petroleum Corporation (CNPC), VIPSHOP and APT Satellite Holdings Limited (APT) have successfully built scalable, virtualized, and open cloud computing data centers by deploying Huawei CE12800 switches, to address evolving business needs in the T-bit Internet era.

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About Huawei

Huawei is a leading global information and communications technology (ICT) solutions provider. Through the dedication to customer-centric innovation and strong partnerships, Huawei has established end-to-end advantages in telecom networks, devices and cloud computing. Huawei is committed to creating maximum value for telecom operators, enterprises and consumers by providing competitive solutions and services. Its products and solutions have been deployed in over 170 countries, serving more than one third of the world's population.

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