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## **High-Performance Semiconductor Solutions for Cloud Computing**

Cloud computing is emerging as a powerful force that is reshaping the information technology industry. In this new model, computing power resides in large data centers, and users around the globe drive the ever-increasing demand for computing power, storage capacity, and network bandwidth. Innovations in high-performance semiconductor solutions are enabling key elements of the cloud computing platform, such as server virtualization, core optical networks, Converged Ethernet, wireless broadband, and solid state disks (SSDs), to deliver applications and services with security, reliability, and energy efficiency. This talk will discuss key trends, technologies, and growth opportunities for high-performance semiconductor solutions that enable cloud computing.