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Xelera Announces Availability of Xelera Suite for Edge Computing

Acceleration Software for Edge Cloud Infrastructures on Xilinx Alveo Acceleration Cards

Frankfurt — June 17, 2019 — Today at the ISC High Performance Computing 2019, Xelera Technologies announced the launch of Xelera Suite for Edge Computing, enabling companies such as telecommunications service providers to use Xelera's flagship software acceleration platform – **Xelera Suite** – to manage the fast growing demand in low-latency compute acceleration in Edge Cloud infrastructures.

"Having proven the capabilities of Xelera Suite in multiple use cases, we are proud to launch the product for Edge Computing infrastructures to guarantee a low and low-variance compute latency. For example, we can run a Deep Learning inference for a speaker recognition with a latency as low as 5 ms. Edge Clouds provide the infrastructure for new emerging applications, many of which rely on low-latency connectivity provided by 5G networks. Minimizing the compute latency is an important complement for these use cases to utilize the full potential of real-time clouds." said Felix Winterstein, CEO at Xelera Technologies.

Acceleration Software as Business Enabler for Edge Compute Infrastructures

Edge Computing service providers place the cloud resources nearer to end devices at the far edge in order to reduce the access latency and promote data locality. Here, acceleration hardware and software are mission-critical: They enable service providers to manage the increasing demand for latency-critical applications, such as live over-the-top video, gaming and real-time analytics/inference.

Xelera Suite for Edge Computing Availability

Xelera Suite for Edge Computing is a major enhancement of Xelera Suite and shows the commitment to deliver the latest product updates in one convenient installation. Xelera Suite for Edge Computing will be available for shipment in the third quarter of 2019 on Xilinx Alveo U200 and U250 Data Center Accelerator Cards.

"Xilinx Alveo accelerators match perfectly with the Xelera Suite for Edge Computing by offering high throughput and ultra-low latency compute capability combined with the ability to adapt the underlying compute architecture to rapidly evolving algorithms. Xilinx and Xelera are collaborating closely to offer a rich set of capabilities accessible in Edge Cloud infrastructure," said Vinay Singh, senior director, ISV ecosystem development, Data Center Group at Xilinx.

Founded in 2018, Xelera Technologies is a leading software company for acceleration technologies. The company offers software products designed to its mission:

Accelerate Computing.

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