# Open. Together.



Expo Hall Talk

High Performance 64-bit eMAG Arm Server Processor For Cloud and Edge Computing

Surya Hotha Vice President, Product Management & Marketing Ampere Computing







### Who is Ampere?

We design and deliver leadership performance microprocessors for efficient computing in the cloud and edge







### Significant Growth of Global Server CPU Market

## Server market is expected to grow at a 4% CAGR through 2021

Worldwide server spend, \$B

#### Server microprocessors will grow from \$18B to \$21B

#### +4% Forecast % of Source: IDC; expert interviews server spend

#### Worldwide server microprocessor spend, \$B



#### Technology Trends Fueling Demand for High Performance Processors







Expanding need for cloud-hosted apps

Increasing demand for edge compute



#### Ampere Server Benefits





Greater Efficiency

Higher performance/W/\$

**Security** End-to-end security S S

Lower Cost Enabling workload TCO advantage Mature Software Ecosystem Software no longer a bottleneck



Rapid Innovation Open standards Differentiated Features



#### eMAG Powers the Cloud

Meeting Cloud and Edge Computing Needs with Lower Total Cost of Ownership (TCO)



Delivering Significant TCO Benefits to Customers



#### Ampere eMAG Expanding Ecosystem





### Ampere Android in the Cloud Solution

Arm native Android Device and App Virtualization and Streaming



Hypervisor + Virtualized GPU

Ampere eMAG



High-performance game streaming

Android device in the cloud

Scalable android app development

Security validation



#### Packet Datacenters Powered by Ampere eMAG

Benefits of Packet and Ampere Together:

- <sup>O</sup> Higher Performance
- Higher Efficiency
- <sup>O</sup> Better overall TCO



Packet and Ampere's partnership is bringing highly efficient and performance based servers at a low affordable cost to the market.

Be the first to secure these next generation servers

at: www.packet.com/ampere



c2.large



### Thank You Come see us at booth #B12



# Open. Together.

OCP Global Summit | March 14–15, 2019



