Who is Ampere?

We design and deliver high performance microprocessors for efficient computing in the cloud and edge.
The Open Compute Project (OCP) is reimagining hardware, making it more efficient, flexible, and scalable.

https://www.opencompute.org/
We think along the same lines.
Ampere™ Timeline

- Launched Developer Program: October 2017
- Launched Platforms: October 2018
- Shipping Platforms: November 2018
- Shipping February 2019
- Deployments with Multiple Cloud Customers: Now

Performance Leading Product Roadmap of Multiple Generations
Growth of the Semiconductor Industry
Worldwide Semiconductor Industry in Units and Value

Source: IDC, VLSI Research

Semiconductors
- Units (billions)
- Value ($billions)

Source: IDC, VLSI Research
Pillars to success

Infrastructure

Open Source

Open Standards
## Ampere eMAG Expanding Ecosystem

<table>
<thead>
<tr>
<th>OEM/ODM</th>
<th>IHV</th>
<th>OS, Firmware, Tools</th>
<th>Middleware and Applications</th>
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</thead>
<tbody>
<tr>
<td>Lenovo</td>
<td>Mellanox Technologies</td>
<td>BROADCOM</td>
<td>docker, HHVM, Apache, NGINX</td>
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<td></td>
<td>Intel</td>
<td>Micron</td>
<td>PostgreSQL, PostgresSQL, Solr, LightTPD</td>
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<td>Samsung</td>
<td>SK hynix</td>
<td>MySQL, KVM, Xen, Java, OpenJDK</td>
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<td>Mitac</td>
<td>AMD</td>
<td>Xilinx</td>
<td>Ruby, Python, Redis, MongoDB, Cassandra</td>
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<td>Microsemi</td>
<td>WD</td>
<td>Couchbase, Cassandra</td>
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<td>XilinX</td>
<td>AMD</td>
<td>Apache, NGINX, NGINX</td>
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<td>American Megatrends</td>
<td>Citrix</td>
<td>Kubernetes, PHP, Gluster</td>
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<td>Oracle</td>
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<td>Microsoft</td>
<td>CentOS</td>
<td>Redis, Memcached</td>
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<td></td>
<td>red Hat</td>
<td>Fedora</td>
<td>Spark, Kafka</td>
</tr>
</tbody>
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Ampere eMAG Expanding Ecosystem, showing the ecosystem expansion with various components such as hardware providers (OEM/ODM), software providers (IHV), operating systems, firmware, tools, and middleware and applications.
Aggressive Roadmap
Industry Technologies
Thank You

Visit us at booth B12
Together,

We are inventing the future of open computing