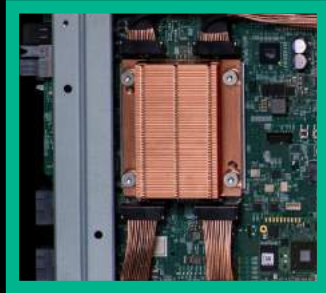


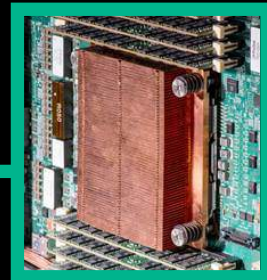
20 BILLION mobile devices &
100 BILLION intelligent "things" >

Unprecedented volumes of data will push today's systems beyond computational limits



MEMORY FABRIC SWITCH

Enables processors to access Fabric-Attached Memory across any node on the system.



TASK-SPECIFIC PROCESSING

Flexible Memory-Driven Computing architecture can match compute tasks to different types of processor to optimize performance and efficiency.



PHOTONICS INTERCONNECTS

Rapidly transfers data between enclosures with light instead of electricity to access shared memory.



MEMORY AT THE CENTER

Combines memory and storage into a vast pool of Fabric-Attached Memory to radically increase computing efficiency and speed by enabling multiple processors to share memory.

MEMORY-DRIVEN COMPUTING

Today's computers chop data to match the limitations of the processor. Memory-Driven Computing puts memory, not the processor, at the core so that technology can overcome the limitations of the processor and enable advancements never before imaginable.



FAST & POWERFUL

Simulations based on the Memory-Driven Computing architecture have dramatically increased execution speeds on a variety of workloads.

SECURE & SMART

Security is built-in from the microchips up through the fabric, protecting data at rest, in motion and in use.

OPEN & SIMPLE

HPE shared development tools for the Memory-Driven Computing ecosystem with the open source community to radically simplify programming and enable new applications.