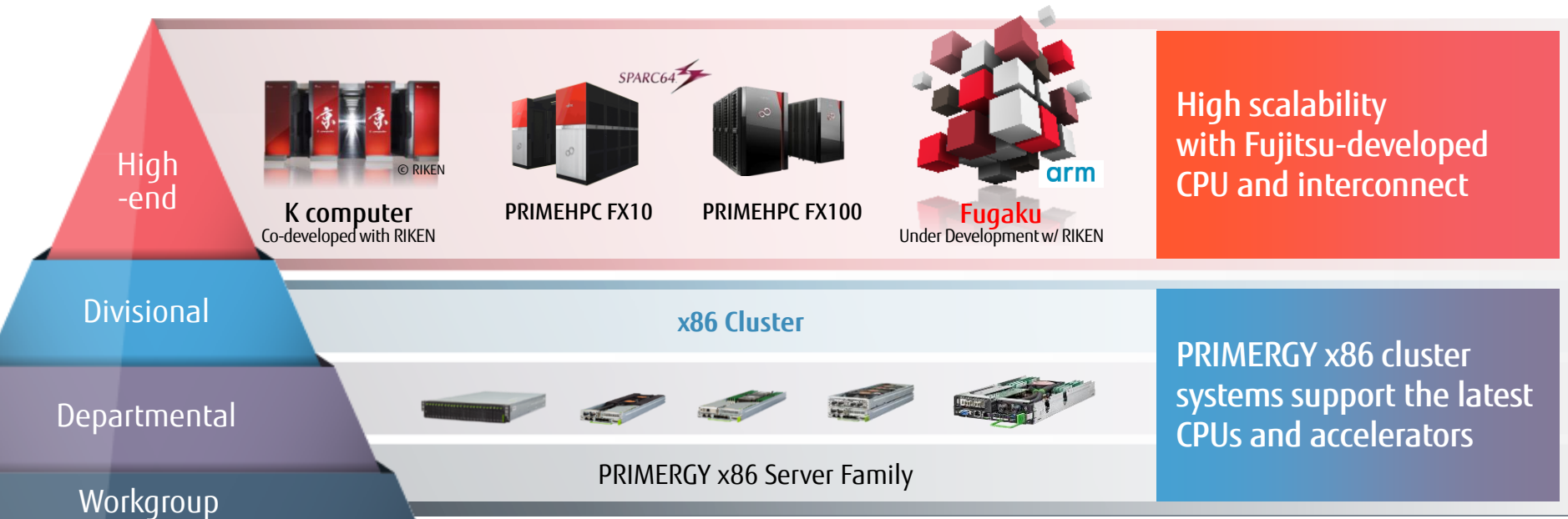


Fujitsu HPC Solutions to Meet Customers' Demands






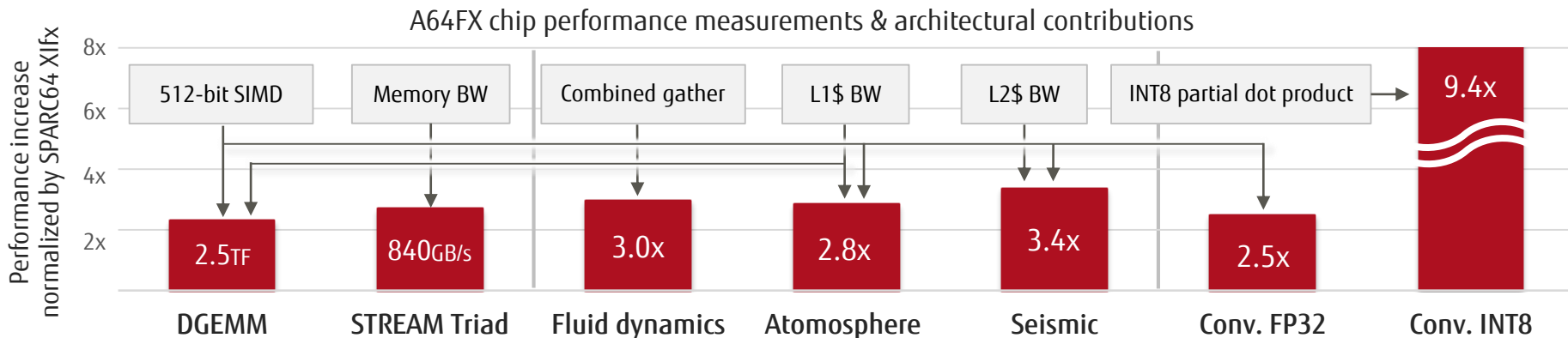
- Supercomputers, both Fujitsu-developed CPUs and x86
- Single system image operation with Fujitsu system software
- High application performance, availability, and reliability



Supercomputer "Fugaku", Formerly Known as Post-K



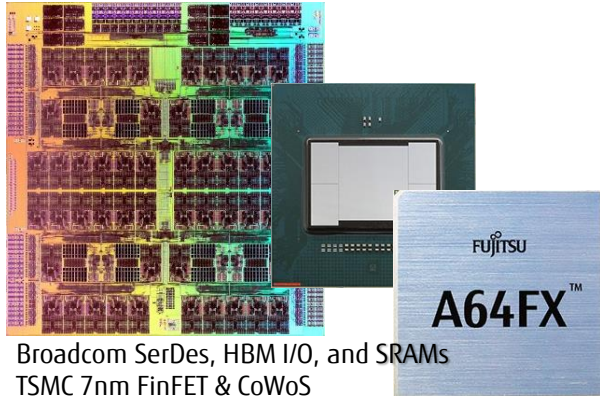
Focus	Approach
 Application performance	Co-design w/ application developers and Fujitsu-designed CPU core w/ high memory bandwidth utilizing HBM2
 Power efficiency	Leading-edge Si-technology, Fujitsu's proven low power & high performance logic design, and power-controlling knobs
 Usability	Arm [®] v8-A ISA with Scalable Vector Extension ("SVE"), and Arm standard Linux



“Fugaku” and Fujitsu Commercial Units for an Evolving HPC

- “Fugaku” is designed and runs applications at the highest level performance to be worthy of the name
- Arm HPC ecosystem and expanding apps portfolio are likened to the broad gradual slopes of Mt. Fuji

Fujitsu designed 48-core CPU



Broadcom SerDes, HBM I/O, and SRAMs
TSMC 7nm FinFET & CoWoS

- Fujitsu began production of “Fugaku”, also advances productization of commercial units based on the supercomputer technology

Image of commercial unit from Fujitsu

