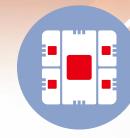
Accelerating Digital Transformation to Trusted Society



3 Keys to A64FX



A64FX is in the world's top-level supercomputer Fugaku







World-leading Performance

High memory bandwidth

Evolved Power Efficiency

Extensive Data Integrity



World-leading Performance

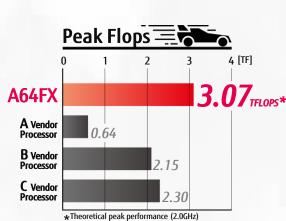
World-first combination of HBM2 and SVE 512-bit wide SIMD (No.1 of TOP500, HPCG, HPL-AI, Graph 500, 2021.11)

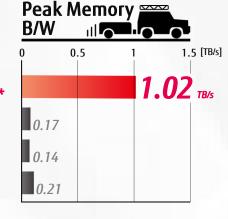
SVE 512-bit wide SIMD

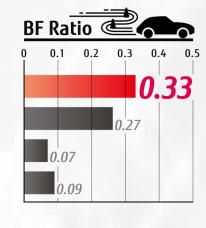
High throughput from

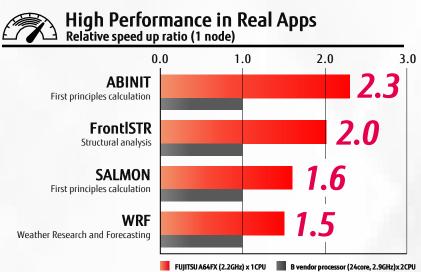
Many core architecture

A64FX is specifically designed for high performance in HPC





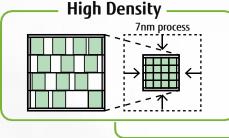


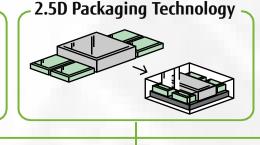


Measured on FUJITSU Supercomputer PRIMEHPC FX1000, A64FX 2.2GHz

For more information on other apps, please contact Fujitsu.

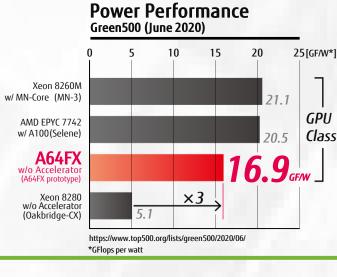
Evolved Power Efficiency Fujitsu's circuit technology and power management

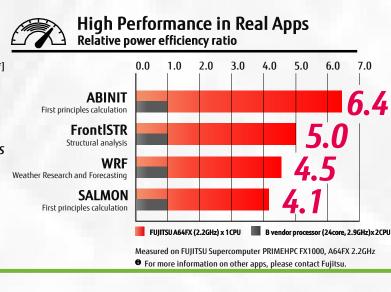






A64FX is the power efficient design for HPC





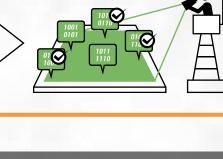


Unique 128,400 error checkers to correct or detect all 1-bit errors on a chip

Extensive Data Integrity

tuu error checkers in totai









A64FX Applicable Area Academia 🗳 🛚 🖰

Nano-science Particle physics







Government ﷺ





Exploration and production

- Seismic analysis



• Structural Analysis Aerodynamics

 Computational fluid dynamics

Crash test simulations

FUJITSU Supercomputer

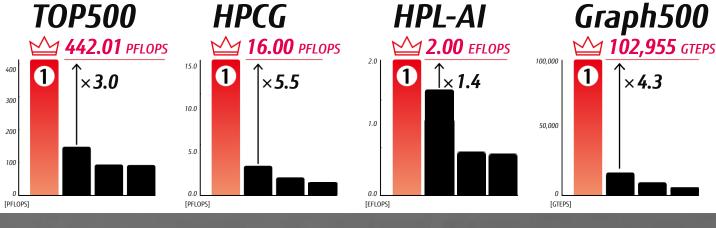


Supercomputer Fugaku





Fugaku Retains Title as World's Fastest Supercomputer for fourth consecutive term (November 2021)



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