

Use the acceleration of Quantum Computing NOW!

Qualify for Quantum, today!

The progress and innovations driven by classical computing has not yet been able to resolve certain critical problems in the society. While Quantum Computing is still in research phase, Fujitsu has developed a unique architecture inspired by Quantum. This end to end offering delivers performance generations ahead of classical computing, overcoming the challenges of traditional quantum computers.



Powerful Problem Solver

Building a better tomorrow



Advanced Healthcare



Autonomous Vehicles



New Material Development



Portfolio optimization

Combinatorial optimization problems

Quantum Computing
Though the potential is great, currently error prone, expensive and **Not Ready!**

Quantum-Inspired computing
Evaluate 1000s of possibilities simultaneously in = **Seconds**

Classical computing
Evaluating every possibility sequentially takes = **Millions to Billions of years**



Comparing molecules with 50 atoms = **10⁴⁸** combinations

Traffic optimization of 5 pair of start and destination points = **10¹⁰⁰** combinations

Investment portfolio analysis of 500 stocks = **10¹⁵⁰** combinations



Game Changer

Up to **10,000** times faster than industry standard compute*

Performance **12** Moore's Generations ahead

Avoid the complexity and energy costs of advanced cooling solutions

Change the world and create new disruptive market today!



Reliable Buddy

Compared to Quantum Computing, the Digital Annealer solution is ...



Stable
Runs at room temperature, no magnet field isolation is needed!



Cost efficient
Functions energy efficiently and in standard datacenter environment!



Accurate
high precision solution -based on digital circuit!



Ready!
Can be implemented into your IT right now!



Transformation through Collaborations



Guaranteed Success



NatWest
Enabling NatWest to achieve the goal of obtaining well diversified portfolio. DA testing demonstrated 300times faster results compared to their existing systems



Large Automotive OEM successfully optimized mirror design of the car to reduce noise emission for improved driving comfort. Further working with Fujitsu to enable factory optimization



Another Automotive OEM, Europe Successfully reduced cost of production by optimizing robot positioning for seam sealing of chassis resulting in production of more cars with the same resources and time



Accelerated protein structure prediction for drug discovery & biotech research. The most stable structures were identified from 10¹⁰⁰ candidates in minutes

* This figure is based on a Quadratic Assignment Problem benchmark against commercial solver.

Want to create 'new disruptive market' today? Not in 10 years, but now?

Get in touch with us to join this journey towards creating the future!

Learn more:
www.fujitsu.com/digitalannealer