

Server Class Motherboard Provides Both Power and Performance in Confined Spaces

Reducing Space Restrictions, Increasing Performance

CHALLENGE

Rising Demand for Superior Compute Performance

Tasks such as robotic surgery, advanced diagnostics, real-time data analysis, etc. demand substantial processing power to manage complex algorithms and data-intensive operations.

Stringent Space Restrictions

Implementing advanced computing solutions within confined spaces presents a significant challenge. Many industrial and healthcare environments have stringent space constraints, requiring hardware solutions to be compact without compromising performance.

SOLUTION

Advanced Computing Capabilities

Supporting 4th/5th Gen Intel® Xeon® scalable processors with up to 64 cores the Kontron K9051 ATX motherboard is equipped with the Intel® C741 chipset, effectively providing the computational performance to address such demanding requirements.

Innovative Product

Creating a server class motherboard that is a standard factor solution design proving to address space limitations without compromising on powerful computing capabilities.

POTENTIAL DEPLOYMENTS

Industrial Automation

- › Control systems
- › Process automation
- › Data acquisition

Healthcare

- › Medical imaging
- › DNA Sequencing
- › Robotic surgery
- › Diagnostics and analysis

Data Centers

- › Server applications with high-performance requirement

