

# Industrial PC for control of scientific equipment



## Challenge – Designing for longevity

A world leader in scientific instrumentation design and manufacture required a PC to control one of their instruments and to process and store the results. The instrument was subject to regulatory compliance. Most importantly, the company needed a product that would be available for at least 10 years (which considering the lifecycle of commercial processors, is challenging).

## Acal BFi solution

Working with our industrial PC supplier, we designed a suitable PC platform and packaged this into a branded black mini-tower. Working together, we developed a specification and part number that meant we could provide a platform that would meet the longevity needs. Part of this process involved Acal BFi fully managing the lifecycle aspects of the individual components. As component parts were made obsolete the system design was modified, whilst maintaining the specification (form, fit and function), enabling security of supply over a prolonged time period.

## Services provided

- System specification
- System design, manufacture and test
- Standards certification including CE marking
- User documentation
- Obsolescence management
- Web-based JIT logistics solution