The best choice for industrial and embedded computer systems

We are a designer and manufacturer of industrial embedded computers, specialising in rack-mount systems, fanless PCs, and touchscreen panel PCs. Our systems are designed and built to provide reliable operation in demanding environments where shock, vibration, dust, moisture and extremes of temperature would cause the rapid failure of conventional computer technology. Used in a range of sectors including defence, surveillance, industrial and broadcast, our products support critical applications with the processing power and reliability demanded of them.

Our core computing technologies are further complimented by a range of resilient GNSS (Global Navigation Satellite System) based systems that provide assured PNT (Position, Navigation and Timing) for air, land and sea applications. Furthermore, we supply a range of rugged mobile tablets and laptops designed to be drop, water and dust proof.

Drawing on our engineering experience, Steatite products can be fully customised in-house and certified to meet your specific requirements, while we also offer ground-up design of computers systems and fully integrated rack cabinets.

Modern manufacturing facility

We follow strict production processes at our modern 28,000ft² manufacturing facility to ensure that every computer is delivered to consistently high standards.

Home to our design and engineering teams, and further supported by our technical consultancy team, this security cleared facility is a centre of excellence for industrial computer manufacturing.

We have been designing and manufacturing rack-mount, embedded and touchscreen PCs since 1985, giving us a level of expertise that ensures our computers are reliable, competitively priced and delivered on time.

Branding and Windows integration

Our software team can fully customise Windows IoT and Windows Embedded operating systems to suit the specific requirements of your project. Once an image has been created and captured it is vital to ensure that it is properly maintained and updated. We can provide updates during system build or periodically as required.

We can also finish your systems in your company colours and branded with your logo. This creates a product that is uniquely yours, re-enforcing your brand identity. This can include packaging, labels, BIOS and Windows.

Custom design and delivery

For more complicated or unusual requirements, we can design an industrial computer from the ground up. Everything from metalwork, cable looms, electronics and software can be engineered at Steatite to meet your specific needs. With decades of engineering experience, you can be confident that the design, prototyping and production process will be efficient, cost effective and fit-for-purpose.

Steatite can combine 3rd party hardware and our own industrial computers and timing systems, to design and build a fully integrated and tested rack cabinet, ready for deployment into the field.

A more complex project requires proper management to ensure that it is delivered on time and on budget. Our PRINCE2 qualified project management team have years of experience delivering solutions for a range of industries, and will keep you informed of progress every step of the way.

Computers and PNT systems

Our core product areas are rack-mount computers, fanless embedded systems and touchscreen panel PCs, along with a broad range of fully and semi-ruggedised laptops, tablets and printers for a variety of markets including defence, industrial, and commercial.

In addition, we supply a range of PNT systems for resilient timing and inertial positioning applications. These high precision units are designed to augment GPS, Galileo and GLONASS to provide time and position in GNSS denied environments.

Many of our products are pre-certified for use in sectors as diverse as military, rail, and marine. These extremely rugged systems are tested to relevant standards including ATEX, Mil-STD, TEMPEST, EN50155, EN60945 and IP6x, for use in environments where they may experience high shock, vibration, moisture, dust ingress, and extremes of temperature.

We are careful to select components that will remain in production for many years. We consistently monitor for revision changes and obsolescence notifying you as necessary, and helping to manage the transition to new components.

Support

Our systems are designed to operate flawlessly in some of the harshest environments, but even the toughest computers can develop faults, and if that happens we are here to help. Our technical support team can help with a range of issues including configuration, maintenance, upgrades, refurbishment and system faults. Just get in touch and we'll get you back up and running.

When only the best will do

We continually invest to maintain our position at the forefront of industrial computer manufacturing. Whether you are looking for off-the-shelf, customised or full bespoke systems, we have the capability to support you. We are renowned for product quality and high levels of service, and with a pedigree stretching back to the early days of industrial computing, we have the expertise to ensure that your computer is a perfect match for your requirements.

With Steatite you can be confident of a professional, no compromise, quality service, with products that utilise only the finest components.

If you have a computer requirement contact us on 01527 512400 or email computers@steatite.co.uk

For more information regarding our computing solutions visit www.steatite-embedded.co.uk

Steatite Computers Overview_Rev1.pdf

Computing

Batteries

Comms

Antennas