



# Embedded systems

## Perfectly cooled

Extremely compact and maximum performance – these are the requirements for cooling concepts for embedded systems and industrial computers (IPC) as well as the systems themselves. There are no off-the-shelf embedded cooling solutions. Every cooling concept is specifically designed for the particular industrial computer application. Highly efficient active or passive cooling solutions are used together with custom-built metal electronics housings with integrated heat sinks.

More infos:



### Cooling solutions for embedded systems and IPC include:

- Heatspreader solutions with integrated heatpipes which absorb the heat at the hotspot and transfer it to a heat sink
- Heat sinks with copper inlay for direct installation on the hotspot
- Customised fan solutions
- Soldered, clipped or screwed-on PCB heat sinks (finger, clip-on or small heat sinks) for all common semiconductor housings
- Fan units assembled ex works as well as ready-to-install sets consisting of the heat sink and press-in fasteners, for example



Individual



Versatile



High-performance

# KEEP IT COOL

## Expert thermal management for your electronics

More infos:



CTX is specialised in perfectly fitting active and passive cooling solutions for electronics for more than 25 years. We implement application-specific cooling units and cooling electronics housings for our customers from almost every field of industry. Our wide product range makes us to one of the leading suppliers in Europe.

We support you from the initial idea to series production when you implement your cooling solution. In the process, we draw on a vast range of manufacturing techniques together with an exceptionally broad supplier base.

Our products are supplied to consignment warehouses and security storages worldwide, using ecologically worthwhile ways of land, sea and air transport. This enables us to guarantee maximum flexibility, quality and delivery reliability at all times.



### Application-specific cooling solutions

Our product portfolio includes profile, high-performance, and liquid heat sinks as well as LED and PCB heat sinks, heatpipe solutions and cooling solutions for embedded systems and industrial computers.



### Enclosure technology

Our enclosure solutions include profile and die-cast enclosures as well as enclosures manufactured using stamping and bending technology. Our product range also includes front panels, technical aluminium parts as well as sheet metal, stamped and bent parts.



### Rotary knobs

In addition to general heat sink accessories, we also distribute more than 6,000 different rotary, special and recessed rotary knobs from the Swiss brand Ritel.