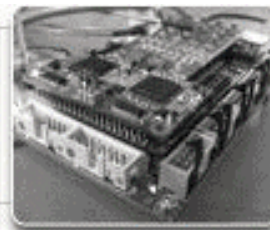
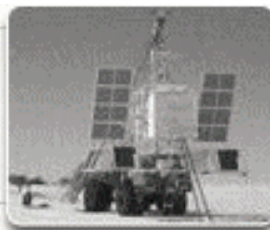


Sundance Multiprocessor Technology

●●● embedded signal processing solutions

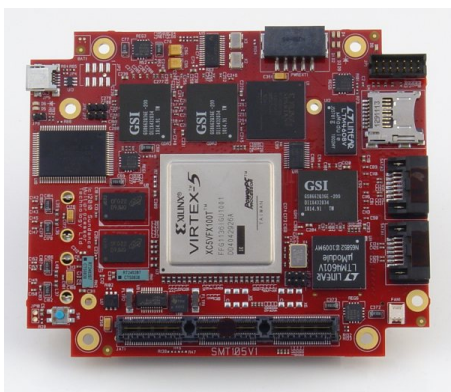
SUNDANCE

- VISION
- X-RAY
- SENSOR



SMT105

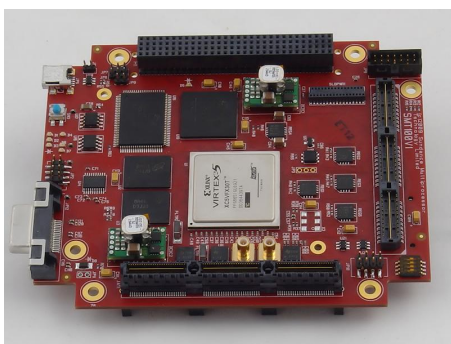
PCI/104-Express for military radio-comms



[Download Datasheet](#)

SMT100

PCI/104-Express with exceptional interface options



[Download Datasheet](#)

"Leading Edge" or "Bleeding Edge"?

Sundance has for the past two decades been riding the "**Bleeding Edge Wave**" of technology, introducing new products at an alarming rate. Our Modular Platform designs have enabled migration from the "*Established and Well Known*" technology to the "*Advanced and Exciting*" technology and provided a compatible hardware upgrade path for you, our customers.

Being a "**Product-Style Company**" we did that without stopping to breathe, think or ask questions such as:

- "What are the environmental implications of constant changes?"
- "Would current technology be suitable at a lower price?"
- "Could we re-design fully working product to make the products more reliable?"
- "Could make current products more versatile and easier to use?"

So we did and the answers to these questions were a splash of cold water in our face and a kick in the teeth:

- We are too expensive for General purposes.
- We do not offer the required Industrial robustness.
- We do not offer migration paths into Industrial temperature grades.
- Products are not suitable for life-critical applications.
- We do not follow any Industry hardware standards.
- We have no upgrade path for Aerospace and Defence approved components.

Interesting feedback. Thanks. We have been listening and the results are coming to the market during the **Autumn of 2010**.

The first examples of our new range are **Industry Standard** format **PC/104 Cards** that sport **Virtex-5 FXT FPGAs** with integrated **PowerPC**, together with a range of peripheral features that can be added or developed by you, the **Customers**.

The entry-level product, the **SMT100**, uses the Virtex-5 FX30T and Xilinx offers **FREE** development tools for this family of FPGA, so extremely cost-effective to get started.

The top-of-the range product, the **SMT105**, is targeted for High-Performance FFT-processing and Sundance is working with third-parties to provide **FPGA IP-Cores** and solutions can be developed fast and efficiently.

A new common theme for these new products is the clean migration path to **Industrial Temperature** ranges as the Virtex-5 FXT FPGAs gives access to the defence-graded **Virtex-5Q** and the space-graded **Virtex-5QV**, while maintaining the hardware compatibility.

These products have been given their own website where you can view possible combinations or just get more information - www.pci104.biz

