

What's New

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Contact: Justin Wheatley,
Systems Manager,
Tel. +44 (0)1494 793293
Fax. +44 (0)1494 793168
pctech@sundance.com



New Optimised PCs Promise Quick Start for DSP Projects

SUNDANCE

Original equipment manufacturers and embedded system designers can give their digital signal processing projects a jump-start thanks to the innovative Sundance SMTPC range of optimised PCs.

Sundance Multiprocessor Technology is an internationally renowned supplier of high-performance processor and I/O modules for use in single and multi-processor DSP equipment. Their equipment is found in demanding applications including imaging, sonar, simulation and industrial control. A range of PCs customised to bring the best out of this world-class technology was seen as essential.

"Powerful DSP systems demand robust power supplies, adequate cooling, and space for all the hardware. Off-the-shelf PCs are rarely up to the job. Ordering our cutting-edge DSP hardware with a PC built for the job avoids any risks and saves projects leaders valuable time by providing configured, tested and ready to run systems," explained Flemming Christensen, Sundance managing director.

The SMTPC range of optimised PCs is available in desktop, tower and standard portable platforms depending on need and user preference. Build quality is exceptional and there is even a ruggedised portable version for heavy-duty use in harsh environments. All share the same integration with Sundance's hardware and are delivered configured to customer order requirements.

Though customised for best performance of DSP applications, the PCs are based on well-specified components throughout. They include Intel processors, DDR2-400 RAM, S-ATA hard disks, DVD read/writers and come complete with Microsoft Windows XP Professional.

Added features include more robust power supplies to ensure stable operation with power hungry processing systems. Multi-fan flow through cooling prevents overheating while a front panel two-channel LCD temperature display with two internal probes gives a visual assurance that all is running well. To help users start their DSP projects immediately, all Sundance hardware and software is pre-installed to guarantee a hundred percent compatibility. This allows the company to provide whole system support.

About Sundance

Sundance is a UK-based, ISO 9000 Compliant, independent company headquartered Chesham, U.K., and with offices in the United States and Italy. The company designs, develops, manufactures and markets high performance signal processing and reconfigurable systems for original equipment manufacturers in the wireless and signal processing markets. With over fifty different modules and carriers for PCI, cPCI VME and Stand Alone platforms, Sundance is a solution provider to semiconductor, pharmaceutical, and factory automation industries.

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EDITORIAL ENQUIRIES

USA
Sundance DSP Inc.
Dr. Nory Nakhaee
4790 Caughlin Parkway 233, Reno,
NV 89509-0907, U.S.A.
Tel: +1 (775) 827-3103
Fax: +1 (775) 827-3664
email: NoryN@sundance.com

MIDDLE, SOUTH, EAST EUROPE
Sundance Italia S.R.L.
Dr. Fabio Ancona
Corso XXV Aprile 55/3
16040 S. Salvatore di Cogorno (GE), Italy
Tel: +39 0185 385193
Fax: +39 0185 385370
email: mailto:Fabio.A@sundance.com

NORTH EUROPE & REST OF THE WORLD
Sundance Multiprocessor Technology Ltd.
Mr. Flemming Christensen
Chiltern House, Waterside, Chesham
Bucks, HP5 1PS, England
Tel: +44 1494 793298
Fax: +44 1494 793168
email: Flemmig.C@sundance.com