

# TRITON STARTERKIT 2 with QNX® OS

The Starter-Kit is a ready-to-use development system for building applications based on the TRITON-LP and TRITON-ETN embedded processor boards.

## Base Board

- 200pin TRITON socket
- Compact Flash card socket, selectable true IDE or CF mode
- RS232 interface and connector
- JTAG interface
- All pins of the TRITON™ socket are connected flat cable headers
- predecoded chip select signals
- Buffered address and data bus
- USB-Device connector
- USB-Host controller and connector
- Prepared for direct connection of a Toshiba 4" VGA LCD
- 40pin universal LCD flat cable header
- daughter board slot for easy application design-in
- Ethernet magnetics and connector for TRITON onboard Ethernet controllers
- Disconnectable TRITON™ power supply for power consumption measurements
- 3,3V single supply design, 5V also available onboard
- Single Power supply: 12VDC
- All schematics of the base board are included as reference.

## Software

Besides the pre-installed BitCtrl® IPL firmware, there is a QNX® kernel installed, which supports all components of the Starter-Kit. Thus the module can be integrated into existing platforms very fast and applications can be setup without basic work for the board. For enhancements of the QNX® kernel, it is possible to modify, compile and install the complete QNX® or parts of it.

