

TRITON STARTERKIT 1 with QNX[®] OS

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

Base Board

The base board integrates the basic components for operating a TRITON processor module:

- DIMM144 TRITON socket
- Compact Flash card socket
- RS232 interface and connector
- JTAG interface
- All pins of the TRITON[™] socket are connected to a pin pad field
- predecoded chip select signals
- Buffered address and data bus
- 10/100Mbit Ethernet
- Disconnectable TRITON[™] power supply for power consumption measurements
- 3,3V single supply design
- Single Power supply: 5-6VDC
- All schematics of the base board are included as reference.
- Cord power supply and JTAG/RS232 cables included

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.

