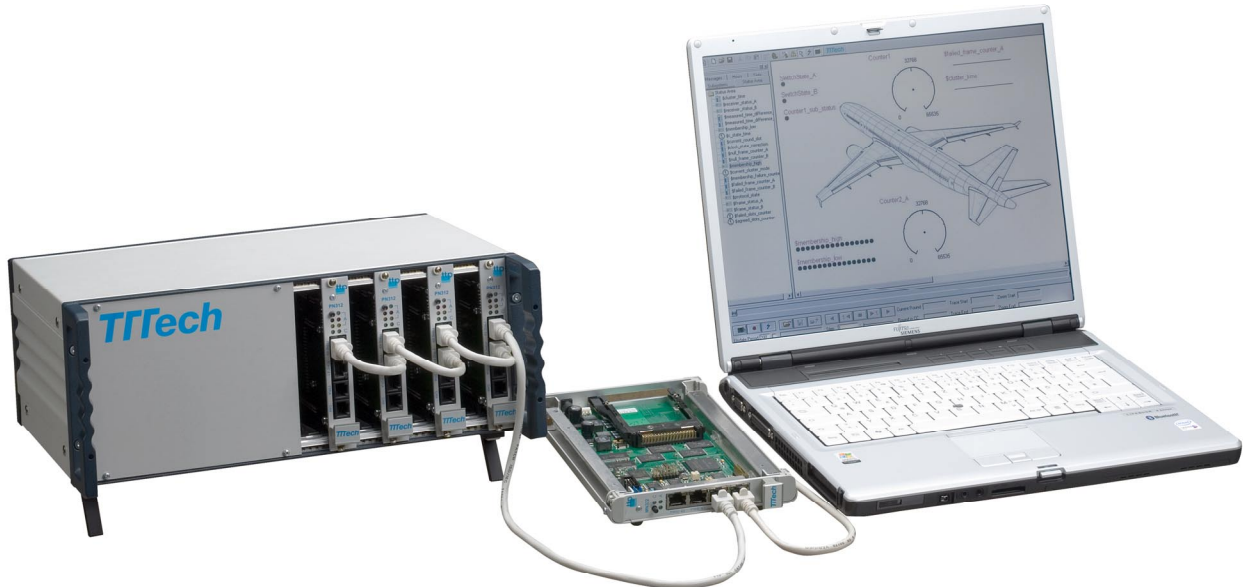


Development System for Time-Triggered Technology



TTP Development Cluster – The Complete TTP System

TTP Development Cluster is a complete and ready-to-run system for **TTP**[®] prototyping and development projects. **TTP** Development Cluster comprises the complete **TTP** software and hardware configuration package. It contains all the basic tools that developers need to work with the time-triggered communication architecture. The toolset is designed for efficient and intuitive software development.

Hardware

TTP Development Cluster hardware is based on **TTP** Powerlinks – or optionally **TTP** Pownodes - mounted in a rack and with one **TTP** Monitoring Node for real-time **TTP** bus monitoring and download. Each **TTP** Powerlink/**TTP** Pownode is equipped with austriamicrosystems AS8202NF **TTP** communication controller. In addition to **TTP**, a broad variety of interfaces is supported: ISO 9141 (suitable for LIN), CAN, digital I/O, and analog inputs. **TTP** Development Cluster can be ordered in configurations from 4 to 64 nodes.

Hardware Specifications

- 4 ^{TTP}Powerlinks in rack (optionally extendible); also available with 4 ^{TTP}Powernodes
- 1 ^{TTP}Monitoring Node for real-time bus monitoring and download (with housing and power supply)
- P&E Cable PowerPC[®] BDM Interface for Freescale MPC555 and
P&E PROGPPCZ PowerPC Flash/EEPROM Programmer for Freescale MPC555/8xx
- Dimensions: 132 x 240.7 x 341 (in mm)
- Weight: 6000g
- Power supply: max. 100 W
- Supply voltage: 110-240 V, 50-60 Hz

Software Licenses

^{TTP}Development Cluster includes single-seat licenses for the following ^{TTP}Tools:

- ^{TTP}Plan
- ^{TTP}Build
- ^{TTP}OS (development license)
- ^{TTP}Load
- ^{TTP}View
- Demonstration software including C source code
- Evaluation version of WindRiver compiler

Optional software packages:

- ^{TTP}Matlink (optional)
- Software Maintenance for 12 months (optional)

System Options

- Compiler and Debugger
- High-end notebook computer (licensed ^{TTP}Tools installed)

System Requirements

For ^{TTP}Tools

Wind River Compiler
Lauterbach Debugger

For ^{TTP}Matlink

MATLAB/Simulink R12.1 or higher
Real-Time Workshop
Real-Time Workshop Embedded Coder

Subject to changes and corrections.

For further information, including price and availability, contact products@tttech.com.

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