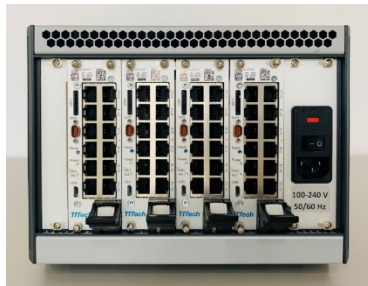# ^{TTE}Development Chassis 3U cPCI Space

Lab-grade avionics housing for up to four 3U cPCI insert cards

Key Benefits

- ✓ Support three Ethernet traffic classes: best effort Ethernet, rate-constrained and time-triggered
- ✓ Avionics Hosting Unit with integrated power supply and 4x 3U cPCI slots for insert cards
- ✓ End Systems can be accessed via PCI (via backplane) or SpaceWire (externally).
- ✓ Compatible with the ^{TTE}Switch Space 3U cPCI (EDU) and the ^{TTE}End System Space 3U cPCI (EDU)
- ✓ Functionally-representative with commercial parts for laboratory use only.

The ^{TTE}Development chassis 3U cPCI Space is a cost-effective 3U cPCI chassis hosting up to four ^{TTE}Switch Space 3U cPCI (EDU) cards, or in combination with the ^{TTE}End-System Space 3U cPCI (EDU) cards and/or the Aitech SP0-100 single-board computer. It provides core networking functionality for the design of complex distributed control systems.

^{TTE}Development Chassis 3U cPCI Space

The ^{TTE}Development Chassis 3U cPCI Space allows mounting up to four 3U cPCI cards, connected to a shared cPCI backplane.

Build powerful avionics systems

Integrate four ^{TTE}Switch Space 3U cPCI cards to build a reliable 48-ports ^{TTE}Switching Unit (TSU). Integrate with a single-board computer, a ^{TTE}End System 3U cPCI card and two ^{TTE}Switch Space 3U cPCI cards to build a powerful ^{TTE}Avionics Control Unit (ACU).

Affordable option for developments

The ^{TTE}Development Chassis 3U cPCI Space helps reduce the overall cost of ownership for the design phases that require full functional representativeness without the environmental requirements.

Related Products

- ^{TTE}Switch Space 3U cPCI (EDU)
- ^{TTE}End System Space 3U cPCI (EDU)
- ^{TTE}RearIO 3U cPCI (EDU)
- SP0-S Series 100 with cPCI connectors
- ^{TTE}Tools

Ordering Codes

14051	^{TTE}Dev. Chassis 3U cPCI Space (TSU)
14407	^{TTE}Dev. Chassis 3U cPCI Space (ACU)

Application Fields

- Human space flight
- Telecommunication
- Earth observation
- Reconnaissance

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