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Tracewell Systems

T-Frame for CompactPCI

Features:

- Patented open-frame design eliminates extender boards
- Voltage, current and temperature monitoring
- Margin control for +5 and +3.3 volt outputs
- Hot-Swap compatible per PICMG 2.1
- 350 watt, N+1, or 700 watt operation
- Plugging power supplies with PFC and hot-swap
- IEEE 1101.10/11 compliant steel subracks eliminate flex
- Adjustable rear cardcage for 60, 80, and 100mm boards

Datasheet

Guide

The T-Frame ™ for CompactPCI is a versatile 8-slot benchtop system combining unique design and features; creating the ideal platform for board level and software development, manufacturing and test.

T-Frame's patented open-frame design provides unrestricted access to installed boards, eliminating the need for performance robbing extender cards. The T-Frame ™ includes comprehensive monitoring of all backplane voltages, current and exhaust air temperature. The front panel interface displays these monitor outputs and includes temperature, fan speed, and voltage control, including +5 and +3.3 volt margining. The 8 slot 64 bit backplane is hot-swap compatible and supports standard 3U or 6U boards. System slot is left justified to provide full access to the component side of installed boards. Two power options are available including single or dual 350 watt plugging power supplies, allowing hot swap power simulation, N+1, or 700 watt operation. Power supplies may be installed in either the front or rear cardcage, further improving accessibility. Fans are adjustable to full or half speed and automatically turn-off when not in use to reduce noise. T-Frame's steel and aluminum construction make it rugged yet easily portable. Tracewell's rigid steel cardcage eliminates the flex common to conventional extruded rail designs and is fully IEEE 1101.10/11 compliant. The rear I/O cardcage is adjustable for a wide range of board depths. Other conveniences include a tilt base, removable side access covers, recessed carrying handles, and internal 3.5" peripheral bay.

T-Frame ™ for CompactPCI solves the problem of accessibility, measurement and control during development, thereby reducing design cycles and time to market.

Ordering Information

Part Number	Description
580-6001-F00-00	T-Frame for CompactPCI with 32/64 bit hot-swap backplane and single 350 AC power supply
581-6002-F01-00	T-Frame for CompactPCI with 32/64 bit hot-swap backplane and dual 350 AC power supplies
580-6011-F00-00	T-Frame for CompactPCI with H.110 backplane and single 350 AC power supply
581-6012-F01-00	T-Frame for CompactPCI with H.110 backplane and dual 350 AC power supplies
580-6001-F11-00	T-Frame for CompactPCI with packet switching backplane and single 350 AC power supply
581-6002-F11-00	T-Frame for CompactPCI with packet switching backplane and dual 350 AC power supplies

Accessories	
014-6001-001-0P	Shielded single-slot filler panel, 6U X 4T; installs in vacant slots
106-1001-099-01	Non-shielded single-slot filler panel, 6U X 4T; installs in vacant slots
121-6012-099-01	Subrack air block, single slot; snaps into a vacant slot to block airflow
2BPCI350AC02-A0	PCI350TF 6U DIN power supply

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