

**Comtel Electronics GmbH**

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**Vita 41: VXS Backplanes and Chassis**

The Comtel VXS Backplanes and Chassis matches performance and cost-effectiveness by realizing a fully optimized signal and power distribution environment. Design techniques ensure uniform impedance controlled signaling environment and ground guarding minimizes line-to-line crosstalk.

The VXS provides the high-speed switched serial performance of VITA 41; hybrid design includes VXS payload slots, VXS switch slots, and conventional VME64x slots. The VXS backplanes support data rates well beyond 3.125 Gbps per link. As a dual-star design, it can be operated with one or two switch boards, allowing addressing of both link ports on payload cards.

Contact Dov Cohen for customized application for your system needs. [sales@comtel-online.ch](mailto:sales@comtel-online.ch).

**FEATURES**

- › Hybrid Backplane supports VXS & VME64x
- › High-speed Backplane >3.125 Gbps
- › Dual-switches
- › Chassis with Voltage, Current, and Temperature monitoring
- › High pressure cooling, up to 100 W per slot
- › Plugging PSU 350 W, N+1, or 700 W with PFC and hot-swap
- › For more information contact: [Sales@comtel-online.ch](mailto:Sales@comtel-online.ch)

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