

Systran VLX2500  
**VME Crossbar Switch Module**



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[www.cwcmbedded.com](http://www.cwcmbedded.com)**VLX2500 VME Switch**

The VLX2500 Crossbar Switch is a managed, non-blocking cross-point switch implemented on a 6U VME 64X card for digital signals from 65 Mbps up to 3.2 gigabits per second (Gbps).

A single VME card provides an 8-port switch solution. The addition of an 8-port expansion card provides a total of 16 ports, with the ability to connect any of its 16 outputs to any one of its 16 inputs. Each port input provides an option of data retiming or bypassing the retiming circuitry altogether. The protocol or structure of data routed through the switch is ignored by the VLX2500 and is unaltered by its passage through the switch. The VLX2500 can be used with many different types of networks and signals.

Contact: [info@cwcmbedded.com](mailto:info@cwcmbedded.com)**FEATURES**

- › 16 non-blocking SFP transceiver ports (with optional 8-port expansion card)
- › 3.2 Gbps/port baud rate
- › 25.6 Gbps total bandwidth (51.2 Gbps with optional 8-port expansion card)
- › Supports Arbitrated Loop, Point-to-Point, One-to-Many communication links
- › Optional bypass of retiming circuitry for each port
- › Retimed ports support short wavelength (850 nm), long wavelength (1300 nm), and HSSDC2 physical media options

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