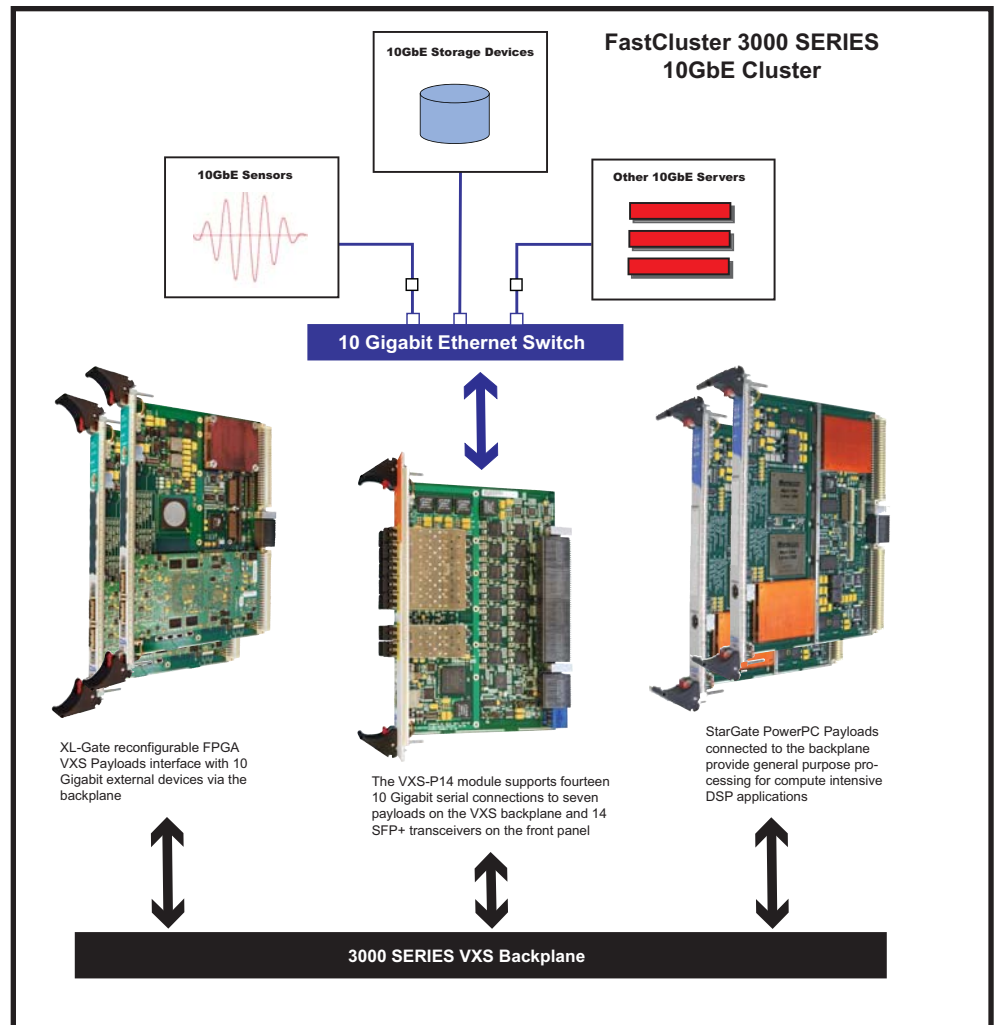


VXS-P14 Module

The **VXS-P14** module is a 10 Gigabit Ethernet pass-through module designed for use with the FastCluster 3000 SERIES platform. Supporting 14 SFP+ transceivers on the front panel, the module offers industry standard connectivity, at a 10 gigabit per second line rate, between the processing nodes on the 3000 SERIES payloads and other external 10 GbE ethernet resources.



3000 SERIES

14 SFP+ Fiber Transceivers on Front Panel

6U VXS (VITA 41.0) Form Factor

Double-width High Speed Module

Air-Cooled Version Available



Systems & Integration Solutions

VXS-P14 10 Gigabit Ethernet Pass-Through Module

High Bandwidth for Increased Scalability
while retaining a traditional 6U form factor.

The MultiGig RT high-speed differential signaling connectors support 14 10-Gigabit serial connections to seven payloads on the VXS Backplane.

Each port implements the XAU1 physical layer with 4x serial links delivering a 12.5 Gbaud signaling rate (4 x 3.125 Gbps) and a 10 Gigabit/sec data rate.

On-board Control Processor provides support for Cluster Management Tools

The MPC8270 Control Processor supports the FastCluster Management System (FMS).

VXS (VITA 41) Backplane

Front Panel

14 SFP+ Transceivers on the Front Panel deliver 10-Gigabit Ethernet Serial I/O

14 XAU1 connections on the backplane are converted to SFI and "pass through" to the SFP+ Transceivers on the front panel for sensor I/O and extending the switch fabric interconnect.

VXS-P14 Ordering Information

	Part Number	Description
VXS-P14	101008-01	Air-Cooled 6U VXS Module supporting fourteen (14) SFP+ transceivers on the front panel providing 10 Gigabit Ethernet over Fiber
Accessories		
Fiber Cables	101002-xx	LC Connectorized Fiber Cables - for use with 10GBase-SR (850nm XFP or SFP+) serial links. (In Part ID -xx represents the length)
Transceivers	101004-01	10G SFP+ Fiber Transceiver

CSP Inc.
 (978) 663-7598
www.cspi.com
 Email: info@cspi.com