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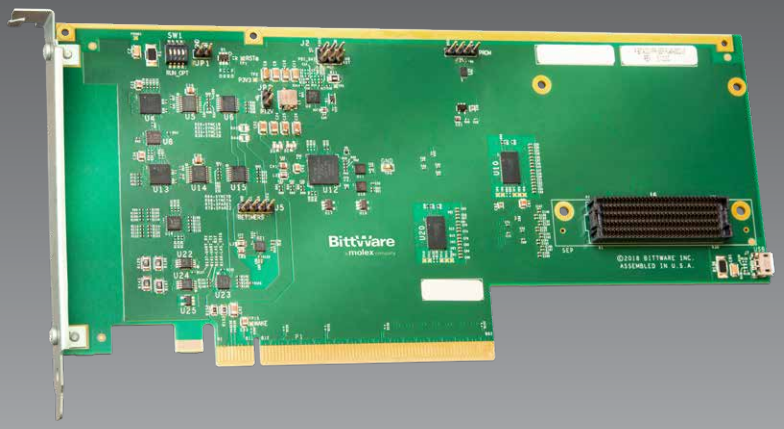
PCIe Adapter

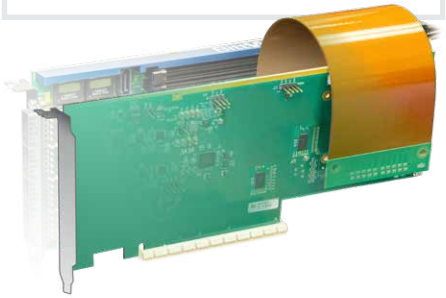
ACC-XPR-SEP-PCIE



Double Your PCIe Bandwidth

Does your FPGA application need to send a lot of data over PCIe?
You can use BittWare's ACC-XPR-SEP-PCIE accessory board along with the XUPP3R UltraScale+ FPGA board to add another x16 PCIe interface. Ideal for applications that need extra bandwith to the host CPU or for sending data to another PCIe host, the PCIe add-on module connects a second x16 PCIe interface directly to the FPGA on a BittWare PCIe board.

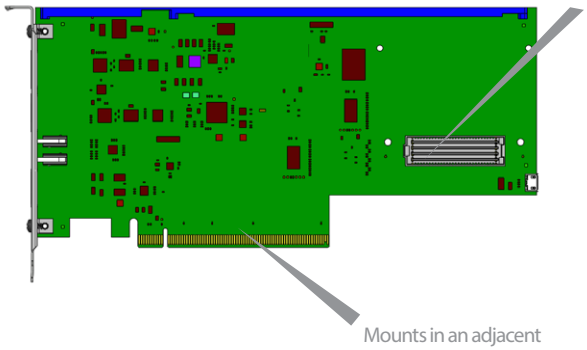
PCIe adapter connects to a BittWare XUPP3R UltraScale+ PCIe board and installs in an adjacent PCIe slot.



key features

Connects **x16 PCIe** interface to the FPGA

Ideal for **network packet processing** applications



key specs

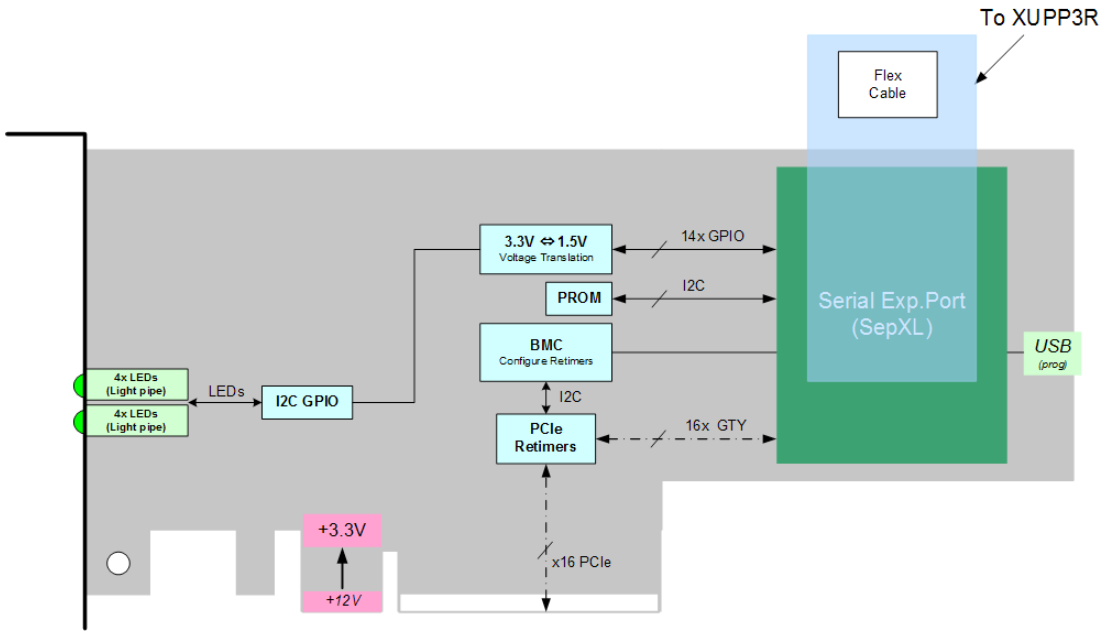
x16 PCIe interface: connects an additional x16 PCIe interface to the host board's FPGA

SEP interface: 16x transceiver channels, I^2C, and LED signals to FPGA on host board

Form factor: Single-slot 3/4-length PCIe board that installs in a x16 PCIe slot adjacent to the host board

Host card: Compatible with BittWare XUPP3R

x16 PCIe Module
ACC-XPR-SEP-PCIE



Specifications

x16 PCIe Interface	• x16 PCIe routed through PCIe retimer chips to SEP interface • Plugs into a standard x16 PCIe slot
SEP Interface	• Proprietary connector that connects the PCIe module to the FPGA board via a custom rigid flex cable (included) • 16x transceiver connection to the FPGA on the host board, used for PCIe • Additional I/O signals to the FPGA used for LEDs and I²C interfaces
Compatible FPGA Boards	• XUPP3R: Xilinx UltraScale+ 3/4-length PCIe with VU9P, quad QSFP, and up to 512 GBytes DDR4
Mechanical	• Form factor: Single-slot, full-height, 3/4-length PCIe • Size: 241mm x 98mm • Front panel: standard-height with openings for 8 LEDs

To learn more, visit **www.BittWare.com**

Rev 2019.3.22 | March 2019

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