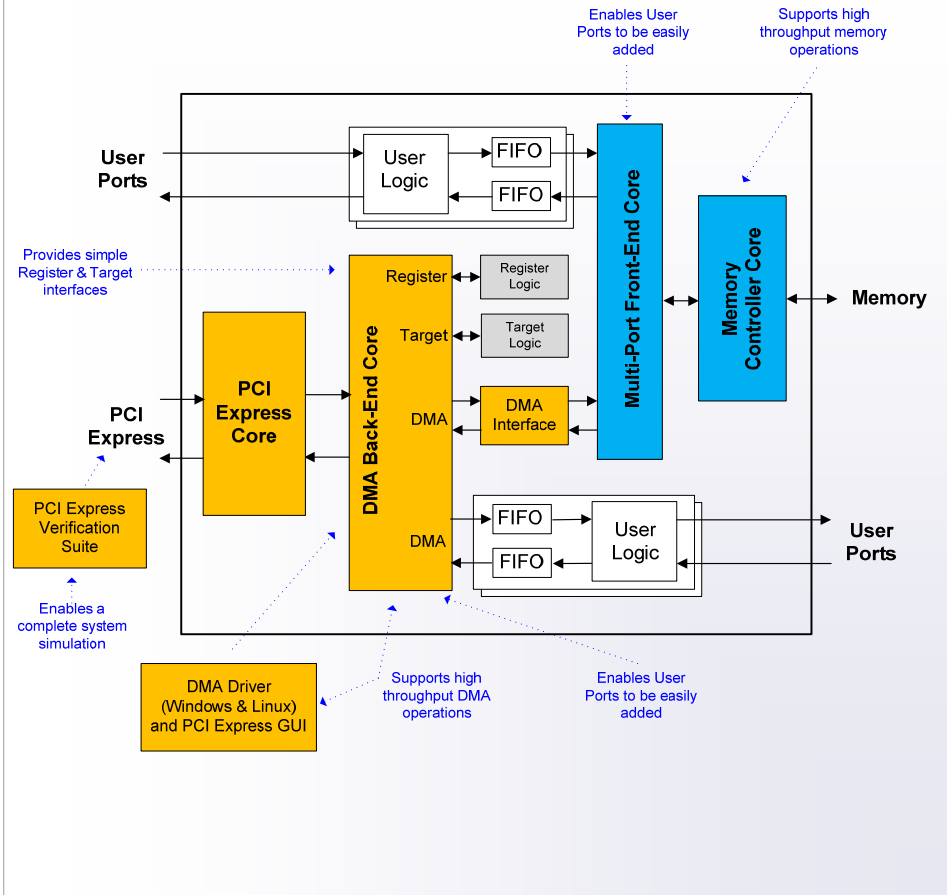


Product Highlights

- Works with Northwest Logic DMA Back-End Core to provide high-performance DMA operation
- Windows and Linux supported
- 32 and 64 bit addressing support
- Legacy interrupt and MSI support
- Can be quickly customized to provide an application-specific driver
- Delivered as Source code
- Customization and Integration services are available

Northwest Logic PCI Express Solution



Product Overview

The DMA Driver is specifically designed to be used with the Northwest Logic DMA Back-End Core.

The DMA Driver includes support to:

- Load and Unload multiple PCI devices (PCI Express, PCI-X, PCI) instances
- Verify and configure PCI device
- Read and write to device registers and memory
- Simplified DMA read and write access
- Low-level timing statistics
- PnP and Power Management events
- Watchdog timer
- WMI hook

A key feature of the DMA Driver is its ability to create long descriptor chains in system memory. The DMA Back-End Core then fetches and executes these descriptors. This approach enables the descriptor chain size to be maximized while minimizing the need for large descriptor memories in the DMA Back-End Core.

Northwest Logic also provides board support packages for a wide variety of Northwest Logic and third party PCI Express boards. This support packages including a working FPGA design, Driver and GUI binaries. Contact Northwest Logic for more information.

Northwest Logic also provides a complete set of quick-turn design services including IP Customization and Logic, Board, Software Development services. Contact Northwest Logic for a quote.

Product Deliverables:

- Driver Source Code (C)
- Developer's Guide
- Expert Technical Support & Maintenance Updates