

Features

- ✓ **1U Enclosure**
- ✓ **4 10G/1G SFP+/SFP Interfaces**
- ✓ **Dual/Quad Core Intel**
- ✓ **Up to 32 GB of RAM**
- ✓ **Up to 2 TB of storage**

Specifications

Dimensions	14" (D) x 19" (W) x 1.7" (H), 1U Rackmountable
Weight	10kg (22 lbs)
FPGA	Xilinx Virtex 6 380T (up to 16GB DDR3 Memory)
Power Supply	110V – 240V, 260W

FPGA-based Symphony HPC Platform with 4 x 10G/1G



RedDot Networks' *Symphony* High Performance Computing platform provides unmatched latency compared to software solutions on general purpose processors. Using FPGA (Field Programmable Gate Array) technology, *Symphony* can improve performance of existing applications by 100x. Unlike general-purpose computers, *Symphony* processes many different tasks in a single clock cycle much like a conductor orchestrates musicians playing many different instruments at once.

Symphony is ideally suited for financial institutions, which require a low latency platform for Pre-Trade Risk Management, Algorithmic Trading or Options Valuations. Combined RedDot FPGA Design and Development services, *Symphony* provides organizations with a customizable and flexible solution.

