**NoviSwitch™ 2116 High Performance OpenFlow Switch**

*NoviSwitch 2116* is an OpenFlow switch offering genuine wire-speed performance using the OpenFlow V 1.3/1.4 standards and has been specifically designed for use in high bandwidth / flow-intensive network deployments. Includes the *NoviWare™ 300* OpenFlow Switch Software for use with the EZchip high performance NP-5 network processor.

Today’s major network operators demand flexible, scalable switching solutions that deliver wire-speed performance.

*NoviFlow Inc.™* aims to change the traditional approach to networking by making switching smarter. The company was founded to deliver upon the promise of OpenFlow and SDN by combining the benefits of virtualization and programmability with network processors that can handle complex flows to make it possible for data centers to keep up with today’s exponentially growing networking demand.

*NoviSwitch 2116* was specifically designed for deployment in data centers looking to leverage the benefits of Software Defined Networking to improve the cost/performance, security, scalability and flexibility of networks. It is a compact hardware/software platform delivering maximum OpenFlow capability in a compact form factor. The system is provided in a stand-alone, self-contained, 1U rack-mountable enclosure box that can be configured to support a wide variety of networking applications to deliver unmatched performance levels.

**Key Features:**

- Features the NoviWare 300 OpenFlow switching software, supporting all required and optional OpenFlow 1.3 match fields, instructions, actions and counters, as well as key OpenFlow 1.4 features.
  - 160 Gbps of packet processing throughput powered by an EZchip NP-5 NPU
  - 16 data plane ports with SFP+/SFP transceiver cages for 10GE/1GE connectivity
  - Up to 16,384 wildcard match flow entries in TCAM, in up to 16 tables
  - Up to 3 million exact match flow entries in DRAM, in up to 60 tables
  - Up to 3,200 flow-mods/second
  - Up to 4096 meters
  - Up to 12,000 entries in Groups table
  - Host Processor: Intel Core i5-4402E dual core 1.6GHz with 8GB of DDR3 memory and 32GB M.2 SATA SSD for permanent storage
  - L2-L7 matching, packet processing and flow management based on UDP or IP packet payload via OpenFlow Experimenter Feature support (user defined UDP or IP payload match and set fields)

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NoviFlow’s products uniquely bring together Open Systems, Network Virtualization and fully Programmable Network Logic. Our flexible platform design makes it possible for us to customize our solutions to our customers’ specific network needs, whether they run a commercial Data Center, are Network Service Providers, or are building innovative SDN applications. For more information, please visit www.noviflow.com™ or e-mail us at contact@noviflow.com

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