

LOW LATENCY



WE GET IT.

Your CDW Securities and Investments team knows that system response times are of critical importance in your environment. We understand your unique requirements for redundancy and speed in your infrastructure. For more than a decade we've been helping the financial industry find the low-latency, high-speed solutions that allow for faster trade execution, increased profitability and enhanced client satisfaction.

If you're not moving fast, you're falling behind. Time is money and every second is an opportunity. But only if your technology is up to speed. So being fast isn't just a business advantage, it's your business. Latency and downtime are trade killers. You need a data center that's optimized for how you do business. Servers and switches that perform at market speeds. When 70% of trades are being controlled by supercomputers¹, you need a data center you can rely on. We get it. And we can help make it happen.

SWITCHES: INCREASE YOUR SPEED

Offering a wide range of high-performance network switches, we can help your traders make transactions in microseconds. High-density 10GbE switches help you maximize performance with fewer complexities. And communication can be streamlined with Layer 2 edge switches that enable high-performance. With high-speed/low-latency network switches in place, your network will be fast and your data will flow smoothly. Partnering with industry leaders like Cisco, Juniper, HP and Arista, your CDW account manager will help you choose the best network switches for your firm.

NETWORK INTERFACE CARDS: SHAVING OFF MICROSECONDS

To keep up with the accelerated pace of the industry, you must maximize network efficiencies. Achieving ultra-low latency for faster trade execution and ensuring your systems are reliable and able to keep up with demands is vital to your firm's success. Running Myricom DBL™ on Myri-10G extreme performance network adapters provides unmatched acceleration for 10-Gigabit Ethernet environments, with benchmarked application-to-application latency of less than 2.9 microseconds for UDP and approaching 3.8 microseconds for TCP.²

SOLUTION ARCHITECTS

Ready to solve your infrastructure issues, our team of network solution architects work hand in hand with your account manager to help create a high-powered data center that's faster and more agile than the competition. Let us show you how to get ahead and stay ahead with a resilient and reliable infrastructure.

SOURCES:

- 1: Peterson, Kim. *Computers Control the Stock Market*, MSN Money, June 8, 2011.
- 2: <http://www.myricom.com/solutions/financial-trading.html>



HP 5830AF-96G Switch

High-density, gigabit and 10Gbps data center top-of-rack

CDW 2564269

\$18578.99

Data center-optimized design, supporting redundant hot-swappable power supplies and fans to ensure hardware availability, front-to-back or back-to-front airflow hot and cold aisle isolation requirements, and low power consumption to optimize operating power and reduce operating expenses.

ARISTA

Arista 7148SX Rack-mountable, Managed Switch

A family of high-performance, very low-latency Layer 10 Gigabit Ethernet data center switches

CDW 2237620

Call for pricing

Offered with 48 ports in a compact 1U chassis with redundant power and cooling, the Arista 7100 series features front-to-rear airflow when mounted in either direction for flexible rack-top server aggregation deployments. All ports accommodate the full range of 10 GbE SFP+ or GbE SFP optical or copper physical layer options, allowing for maximum flexibility and investment protection as customers of all sizes migrate their server connections from Gigabit to 10 Gigabit Ethernet.



Juniper Networks® EX4200-24T 24-Port Ethernet Switch

With virtual chassis technology

CDW 1424471

\$3856.99

- Combines the high availability and carrier-class reliability of modular systems with the economics and flexibility of stackable platforms
- Offers a full suite of Layer 2 and Layer 3 switching capabilities as part of the base software
- Supports high-performance applications, including branch and data center access deployments as well as GbE aggregation deployments
- 10GBASE-X Port densities: 2 per switch (via optional two-port 10GbE uplink module), up to 20 in virtual chassis configuration

Myricom

Myri-10G PCI Express® Network Adapter with One SFP+ Network Port

Appears to the host operating system as two independent PCI Express devices, one for each network port

CDW 1824423

\$417.00

- Low-profile PCI Express® x8 add-in card
- Dual-protocol network port, 10-Gigabit Ethernet or 10-Gigabit Myrinet
- Wire-speed performance
- Firmware-controlled offloads
- RoHS-compliant lead-free (RoHS-6)
- 3.9W typical
- MTBF: 5M hours (FIT rate = 200)