

Computational Storage for Fintech

Bring
Hardware Acceleration
to your firm with ease



Powerful Hardware
Built on BittWare, a Molex company
and Intel® Agilex™ FPGAs



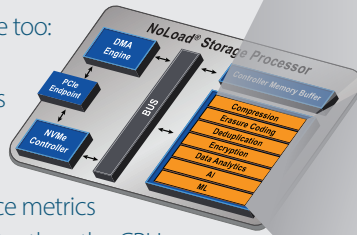
IP to Build Fintech Accelerators
NoLoad® IP by Eideticom

Boost
Performance
5-40X
Versus CPUs

NoLoad® is the framework enabling modules to work together

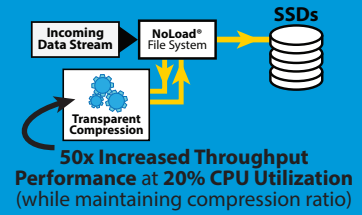
In software, *you* define how the acceleration blocks work together to replace CPU-intensive workloads like compression, file format conversion, and packet processing.

Oh and there's capture too: directly to SSD drives. Our fintech customers can perform tasks like data queries and gathering performance metrics hundreds of times faster than the CPU alone—without having to code an FPGA! That's the power of NoLoad for fintech. NoLoad is available today on BittWare hardware.



Transparent Compression IP

Compress in hardware without changing your application. Mix compression with QPU blocks as your solution requires it!



50x Increased Throughput Performance at 20% CPU Utilization (while maintaining compression ratio)



Query Processing Unit (QPU) IP

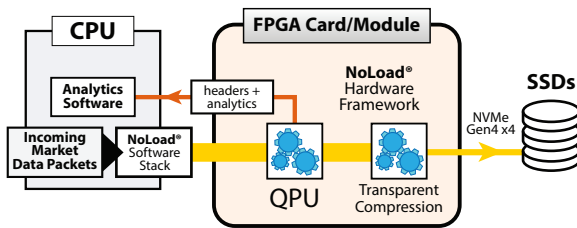
Build custom blocks with any of these components (in software!)

Query	Analyze	Reformat
Data queries with search and filter parameters.	Filter, Match & Analytics on streaming data	Reformat text to binary or other format conversions

01 USE CASE

Packet Capture, Analytics and Compression

Monitor and analyze market data with real-time header analytics and compression at 100 Gb/s.

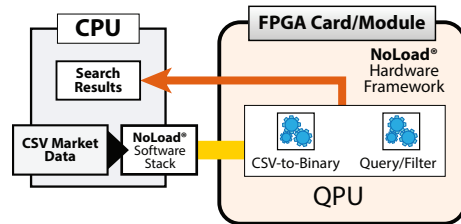


5-15x Increased Throughput Performance at 30% CPU Utilization with up to **4x Increased Storage Capacity**

02 USE CASE

Format Conversion + Market Data Analytics

This use case takes a CSV file (in text), converts to binary in hardware and performs query/filtering.



40x more CPU efficient with 12 GB/s Throughput

These use cases were configured in software!



Deploy NoLoad on BittWare cards featuring Intel® Agilex™ FPGAs.

What will you build with these versatile tools? Get in touch with BittWare to learn more!

Ready to learn more?

Contact BittWare for details: BittWare.com