

Super Low Latency 10G Networking IP for Fintech & Xilinx AAT Demo

Turnkey Accelerator Systems demo with Alveo Card



- ✓ Intel Gen 11th Core i7 Rocket Lake-S Processor
- ✓ DDR4 3200MHz Memory 32GB (up to 128GB)
- ✓ Xilinx's Alveo U50 Accelerator Card
- ✓ Tower Case with Thermaltake Cooling Systems
- ✓ Pre-installed and ready to use
 - Xilinx's Accelerated Algorithmic Trading demo with DG's Low latency IP
 - Xilinx Machine Learning Suite



Accelerated Algorithmic Trading

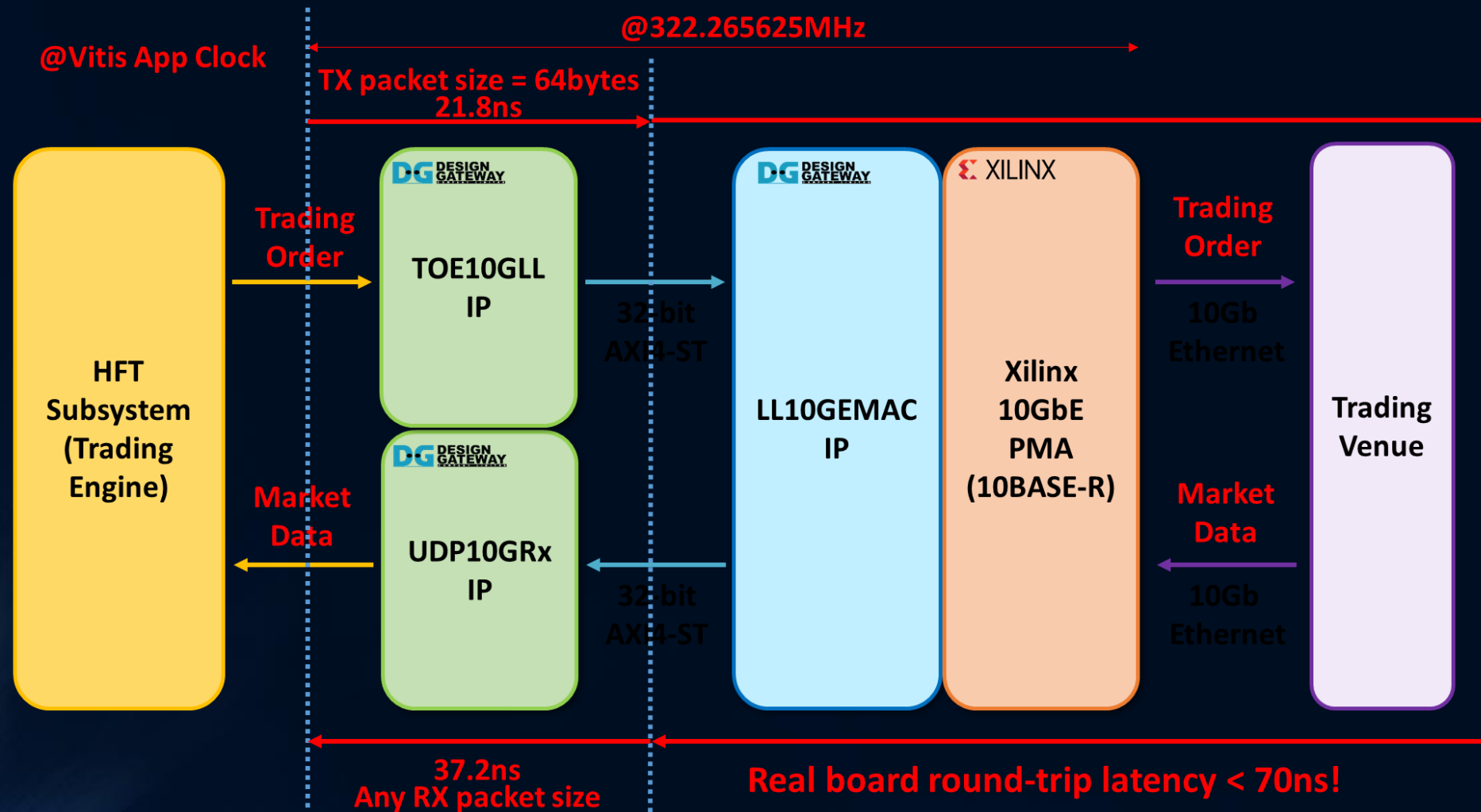
Low-Latency Electronic Trading for Everyone



<https://dgway.com/AcceleratorCards.html>

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Example application: High Frequency Trading



Estimated round trip latency for TCP -> EMAC -> UDP loopback = 21.8ns + 70ns + 37.2ns = 129ns @32bit 322.265625MHz

Estimated latency reduction by DG's IP

