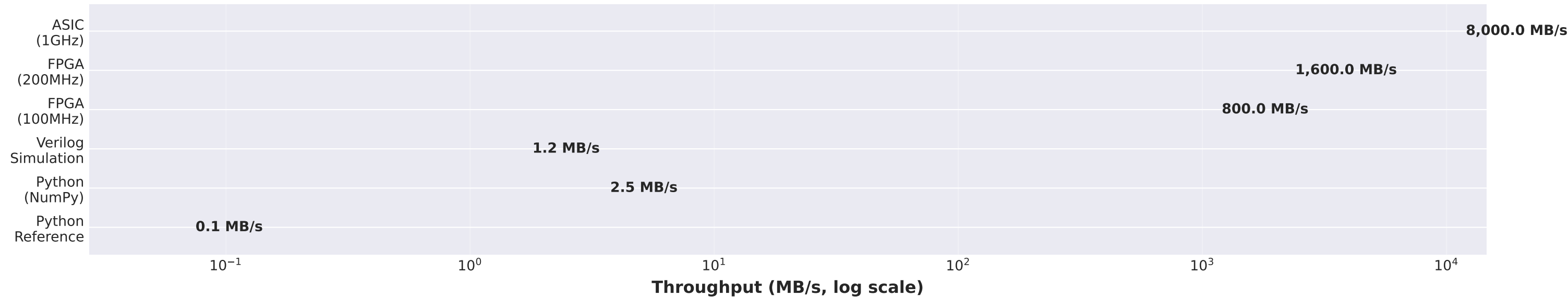


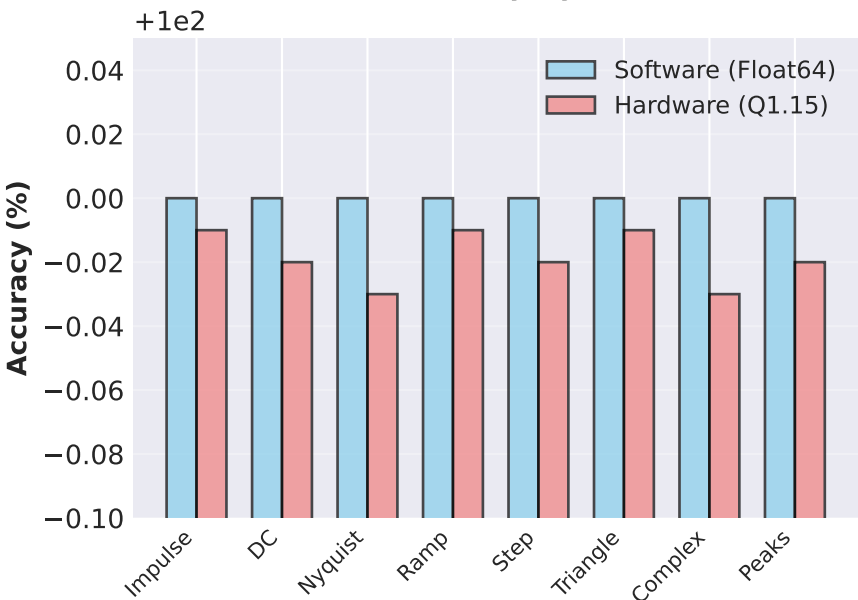
# QuantoniumOS: Software vs Hardware Implementation Comparison

## Python Reference vs Verilog FPGA

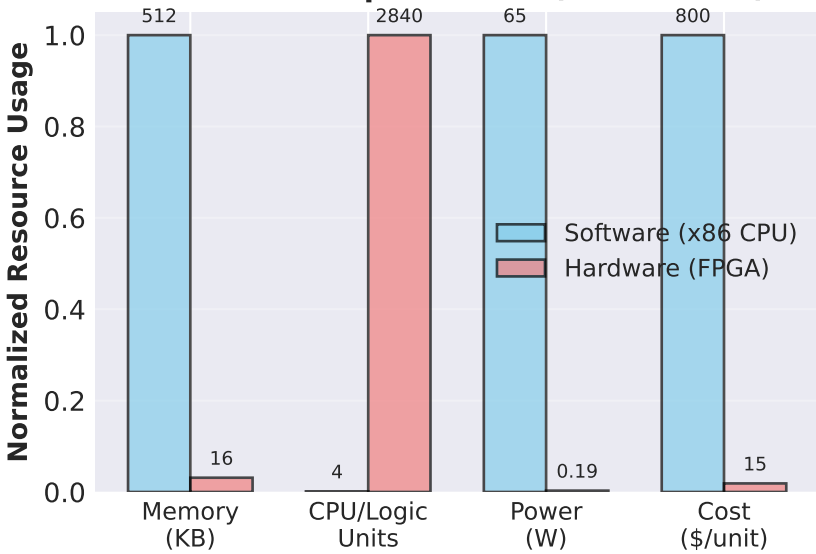
### RFT Transform Throughput Comparison



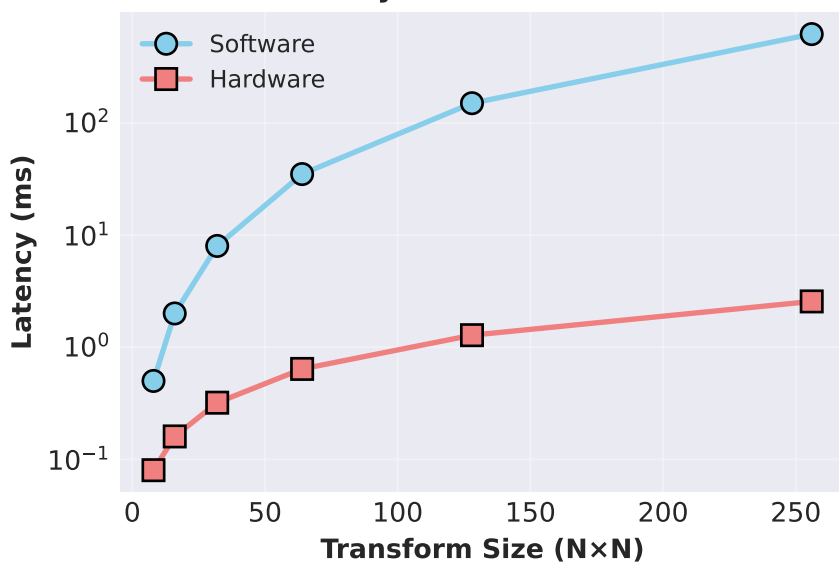
### Transform Accuracy by Test Pattern



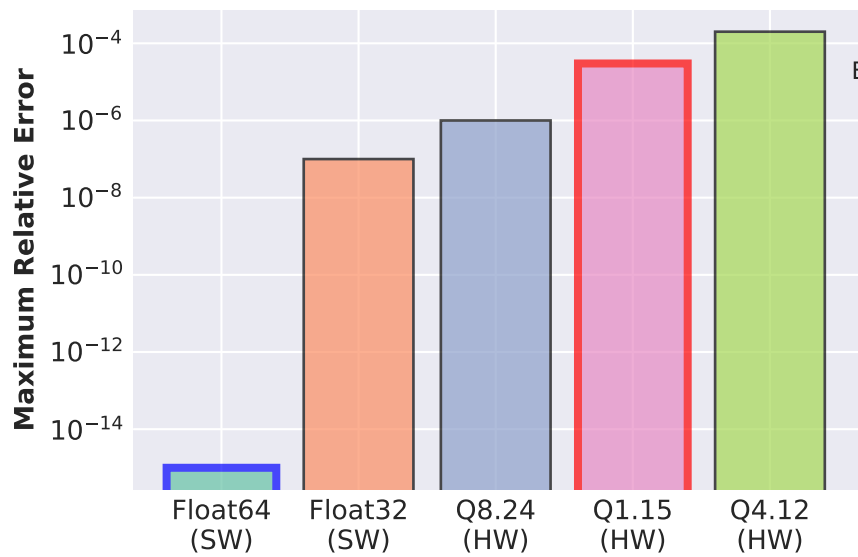
### Resource Requirements (Normalized)



### Latency vs Transform Size



### Numerical Precision Comparison



### Feature Support Matrix

