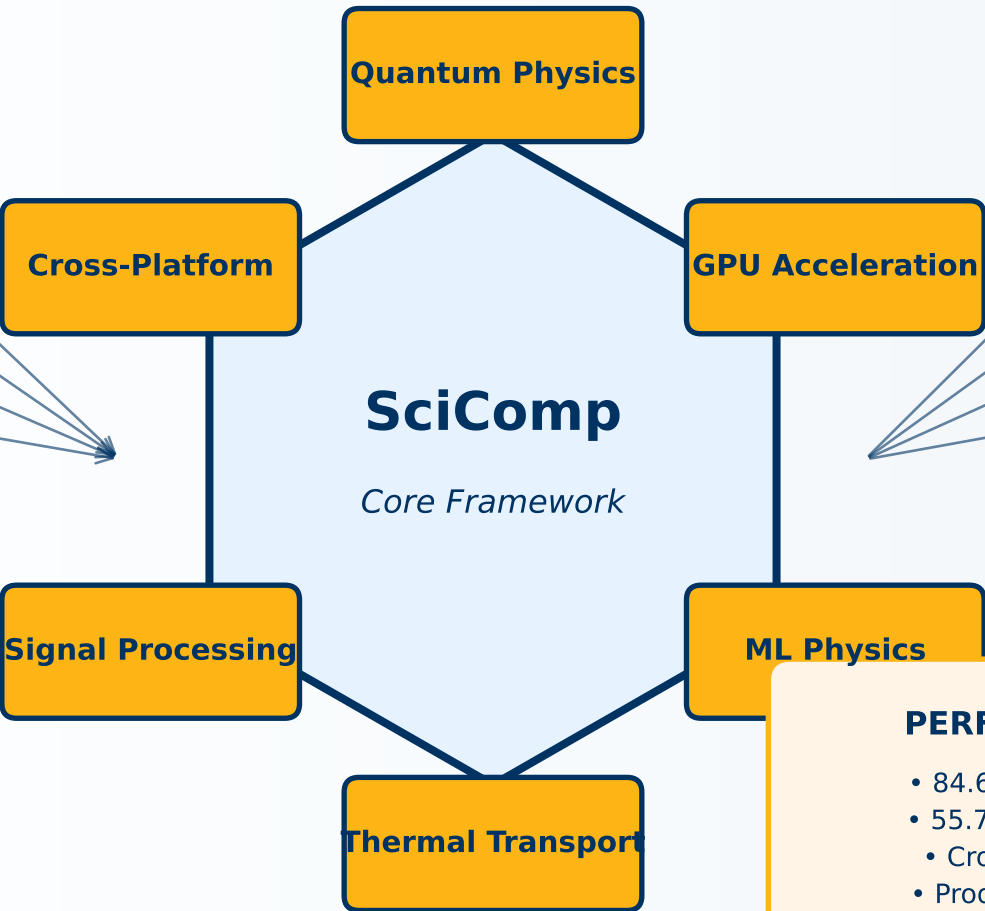# SciComp

Cross-Platform Scientific Computing Suite

University of California, Berkeley

INPUT PLATFORMS

- Python 3.8+
- MATLAB R2021+
- Mathematica 12+
- Command Line

OUTPUT APPLICATIONS

- Research Publications
- HPC Clusters
- Interactive Analysis
- Production Systems

Quantum Physics

Cross-Platform

GPU Acceleration

SciComp

Core Framework

Signal Processing

ML Physics

Thermal Transport

PERFORMANCE METRICS

- 84.6% Validation Success Rate
- 55.7 GFLOPS GPU Performance
- Cross-Platform Compatibility
- Production-Ready Deployment

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