



**CryptoTree**  
Parallel Optimization

## Parallel Tree Optimization

Real-time parallel Merkle tree construction with  
GPU acceleration

All Systems  
Operational

23:07:34  
UTC

Connected



Dashboard

Merkle Trees

GPU Management

Mining Pools

Analytics

AI Optimizations

Configuration

Security



**John Doe**  
Admin



### GPU Performance Monitor

#### GPU Status



Auto-Optimize

##### RTX 3090 #1



Hash Rate 8.7 TH/s  
Temperature 86°C  
Power 367W  
Memory 12.5GB / 24.0GB  
Utilization 93%

##### RTX 4080 #1



Hash Rate 11.5 TH/s  
Temperature 45°C  
Power 267W  
Memory 9.4GB / 16.0GB  
Utilization 87%

##### RTX 4080 #2



Hash Rate 11.5 TH/s  
Temperature 53°C  
Power 282W  
Memory 11.8GB / 16.0GB  
Utilization 70%

##### RTX 4090 #1



Hash Rate 14.2 TH/s  
Temperature 59°C  
Power 311W  
Memory 19.8GB / 24.0GB  
Utilization 62%

##### RTX 4090 #2



##### RTX 4090 #3

