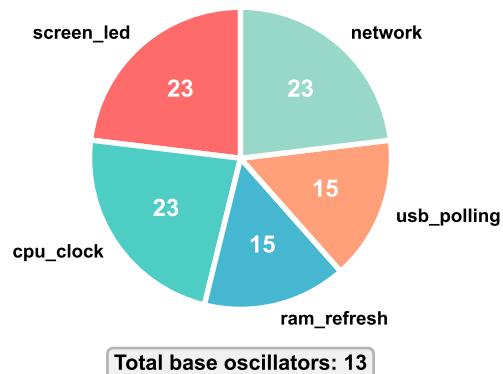


# Hardware Oscillator Network: Real Computer Components

## A. Hardware Oscillator Sources



## B. Network Statistics

### Network Topology

Base Oscillators: 13  
With Harmonics: 1,950

### Graph Structure:

Nodes: 1,950  
Edges: 253,013  
Average Degree: 259.50  
Density: 0.1331

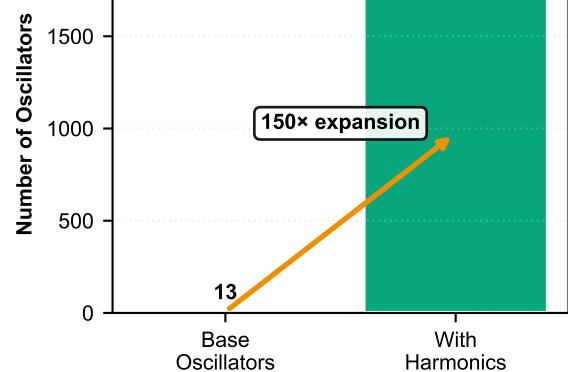
### Enhancement:

Redundancy Factor: 259.50  
Graph Enhancement: 5.94e+04x

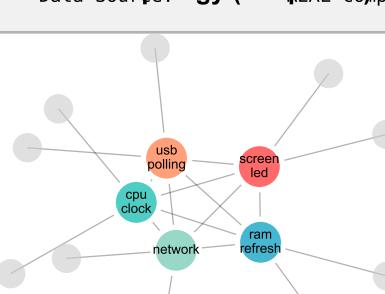
### Measurement:

Zero Time:  
True  
Actual network: 1,950 nodes, 253,013 edges  
True  
Computer oscillators (not simulated)

## C. Harmonic Expansion



## D. Network Topology (Simplified)



Actual network: 1,950 nodes, 253,013 edges