Lopoco – Company Profile

- Ultra-Efficient Server designer & manufacturer (www.lopoco.com)
  - ¼ – ½ the power usage of conventional servers
  - Standard processors, memory & drives; Standard contract manufacturers
  - Broad installed base – Zero field failures
  - "Most Efficient Server" ever certified by experts Power Assure Corporation
  - Designed for use with existing servers & racks – no compatibility issues
- Silicon Valley headquarters. Founded 2010 by Intel, Sun, HP industry veterans
- Customer Benefits
  - Save money → 50% lower Data Center energy costs & lower server cost
  - Save space → use fewer racks
  - Save energy → realize green computing
  - Run cool and quiet → producing much less heat and vibration, the two causes of most server failures
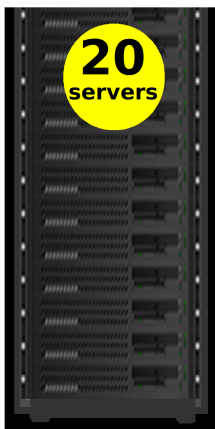 - Longer run times on backup power source

Conventional Servers vs Lopoco
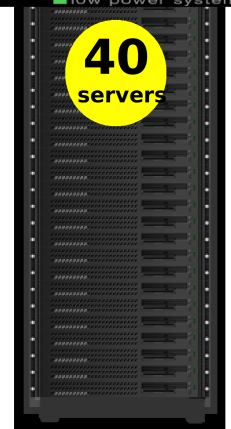
Equal Throughput

One Rack 8.5 kW

Conventional

20 servers

One Rack 4.4 kW

40 servers

Conventional	Item	Lopoco
Dell R/HP DL320	Server	LP-4255
Intel E3-12xx	Processor	Intel E3-12xx
up to 192 GB	Memory	up to 32 GB
up to 8	Drives	up to 10
up to 6	Network Connections	up to 6
Intel	NIC chipset	Intel
40 x 1U	# servers	40 x 1U
1X	Throughput	1X
8.2 kW	Power TDP	3.8 kW
2.0 kW	Power Idle	0.8 kW
Baseline	Equipment Cost	*$70,000 less*
Baseline	Operating Cost	*$36,000 less*

- **Same internal parts => no compatibility issues**
- **Designed for energy efficiency => save $$$**