Conventional Servers vs Lopoco

Equal Throughput
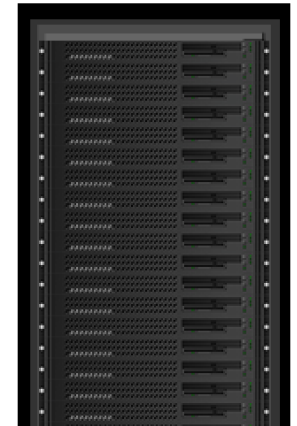
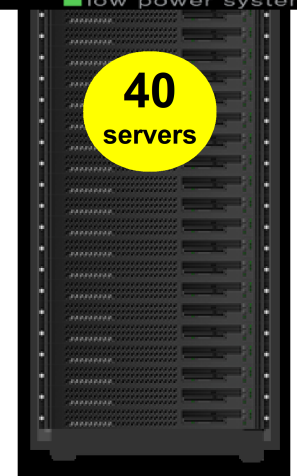**One Rack 8.3 kW** — Conventional — 20 servers
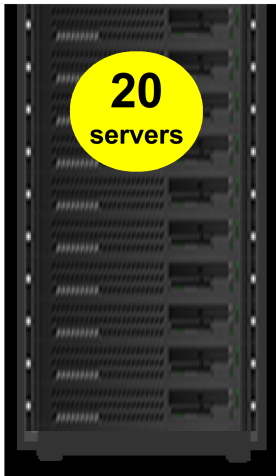
One Rack 4.4 kW — Lopoco — 40 servers

Conventional	Item	Lopoco
Dell R520/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
20 x 2U/40 x 1U	# servers	40 x 1U
1X	Throughput	1X
6 kW/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 enerygy efficiency => save $$$**