

The logo for lopoco features the word "lopoco" in a stylized, rounded, green font with a 3D effect. Below it, the words "low power systems" are written in a smaller, white, sans-serif font.

**lopoco**  
low power systems



# lopoco Server Roadmap 2012

## Memcached appliance

- 256GB - 1TB RAM
- 4 quad core processors
- 16 x 1Gbit NICs (8 in, 8 out) or 2 x 10Gbit NICs
- no internal disks - network boot, ramdisk root
- 200 watts
- target release: Q3



# lopoco Server Roadmap 2012

## LP-8240 Line

- 8 core, 1.8 - 2.4 GHz AMD Bulldozer processor
- up to 196GB RAM
- target release: Q1



# lopoco Server Roadmap 2012

## LP-4440 Line

- 18 - 60 watts power consumption
- quad core, 2.4 - 3.0 GHz
- up to 32GB RAM
- no video, serial or PS/2 - only IPMI
- optional on-board LSI SAS controller
- target release: Q2



# lopoco Server Roadmap 2012

## LPT Family

- multiple new form factors, including:
  - 1U; 2 hot plug nodes; up to 5 drives per node; 50 - 130 watts
  - 2U; hot plugable PS; dual quad core; 35 - 100 watts
  - 2U; 4 hot plug nodes; hot plug redundant PS; 2 drives per node, 80 - 240 watts
  - 3U; 8 node blade server; 1 drive per node; Infiniband; 200 - 500 watts
- target release: Q3



# lopoco Server Roadmap 2012

## LPU family

- based on current LP-2XXX and LP-4XXX lines, but with integrated, 2 hour, UPS battery
- target release: Q1



# lopoco Server Roadmap 2012

## Dual CPU Nodes

- motherboards for all the lines with dual CPU sockets
- LPT line able to support 8 CPU nodes, or 64 cores total
- LP and LPU lines able to support up to 8 cores with current CPUs, possibly as high as 16 with future CPUs
- target release: Q2



# lopoco 2012 Server Roadmap Schedule

