





# LiquidCoolAd vantages for Bitcoin Mining

#1

Liquid

Cooled Eliminates Fans From Miners



Product  
Cost



Power  
Use



Energy  
Cost



Noise  
Levels



## Eliminating Fans

- Reduces Bitcoin mining computer power use and energy cost
- Allows more power supply “headroom” for overclocking
- Eliminates damaging noise levels

# Liquid Cooled Advantages for Bitcoin Mining

## #2

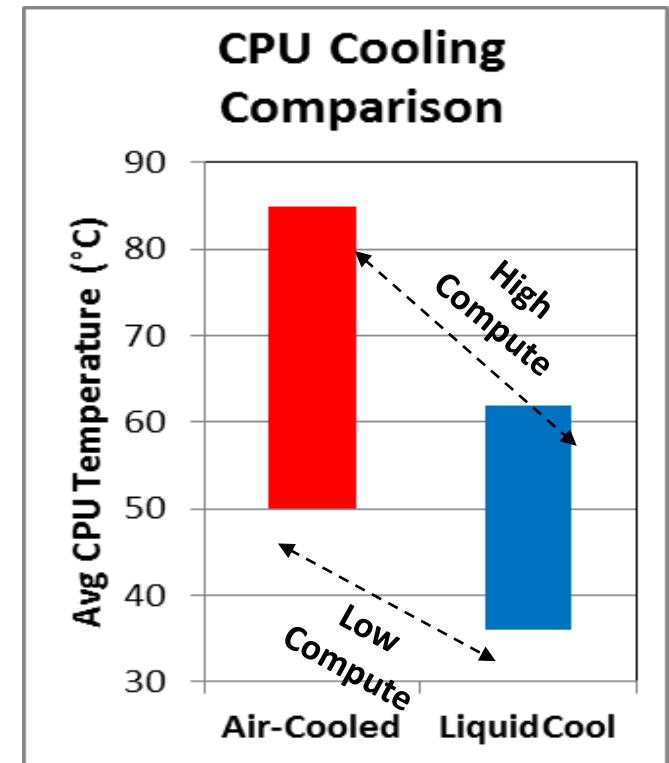
### Our Liquid Cooled Systems Keep Electronics Cooler

Liquid Cooled systems keep electronics **30°C cooler** than air-cooled systems under comparable conditions

Systems that run cooler use less power. Energy savings compared to air-cooled systems is 8% to 10%

Liquid Cooling's exceptional cooling efficiency means that Liquid Cooled systems can be deployed in almost any climate in the world without the need for evaporative or mechanical cooling

Operating Ambient Temperature Range: up to 120°F (49°C)



# Liquid Cooled Advantages for Bitcoin Mining

#3

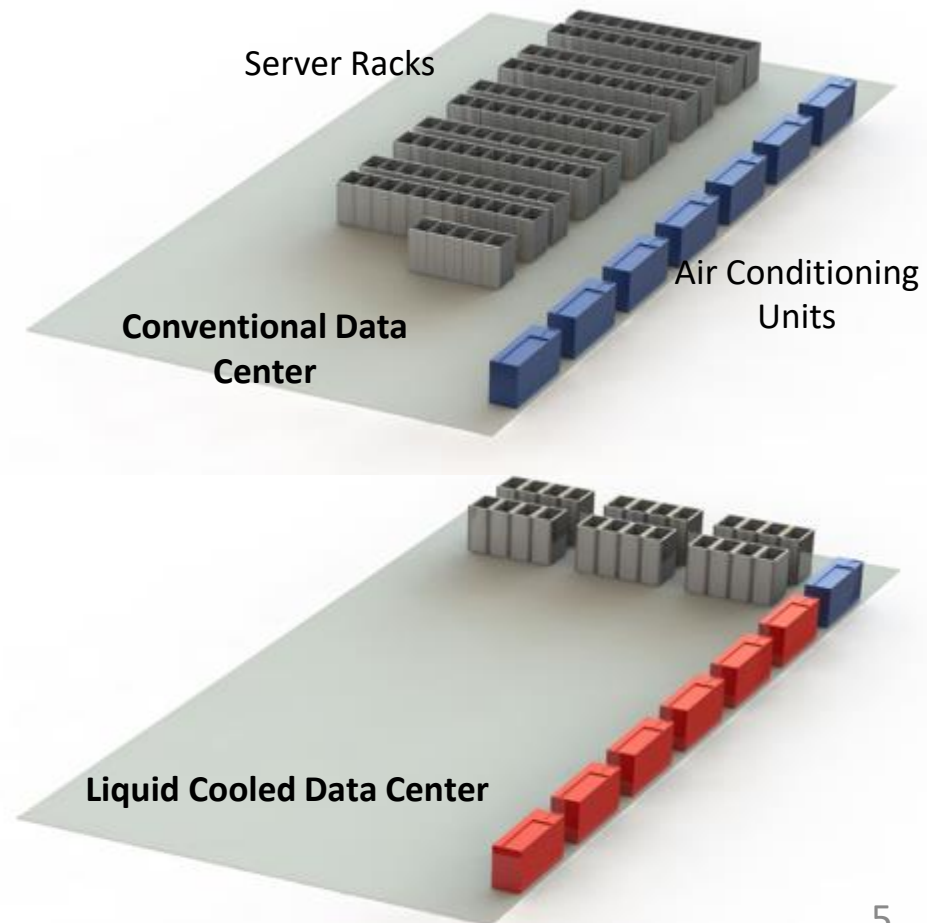
Our Liquid Cooled systems for data centers take up 80% less space than conventional air-cooled systems

Conventional systems need to allow space both within and around server racks to allow sufficient air circulation for cooling

LiquidCool systems require far less space:

- More servers can be installed in each rack
- Racks can be installed closer together because high air-flow is not needed

Also, much less mechanical air-cooling equipment is needed, which saves additional space



# Liquid Cooled Advantages for Bitcoin Mining

#4

Our Liquid Cooled servers are extremely reliable, meaning they can be used far longer than conventional servers

Liquid immersion prevents most causes of server failures:

- Oxidation
- Corrosion
- Mechanical failure
- Temperature fluctuation
- Vibration
- Electrostatic discharge



Liquid Cooled server after 36 months of operation

***Less Downtime – Longer Life***

# Summary: Liquid-Cooling vs. Air-Cooling

## Why use Liquid-Cooling for Bitcoin Mining?

- Improved Profits
- Improved Reliability
  - Removes Fans
  - Cooling Efficiency - 30°C Lower Board Temperature
- Energy Savings –
  - 8-10% Less Antminer Power
  - Significantly Lower Cooling Energy
- No Fan Noise
- Environmentally Friendly

---

# Contact

## NoelWideberg

**CEO/President Cloud9 Edge Technologies LLC**

**414-289-7171**

**[Sales@Cloud9EdgeTechnologies.com](mailto:Sales@Cloud9EdgeTechnologies.com)**