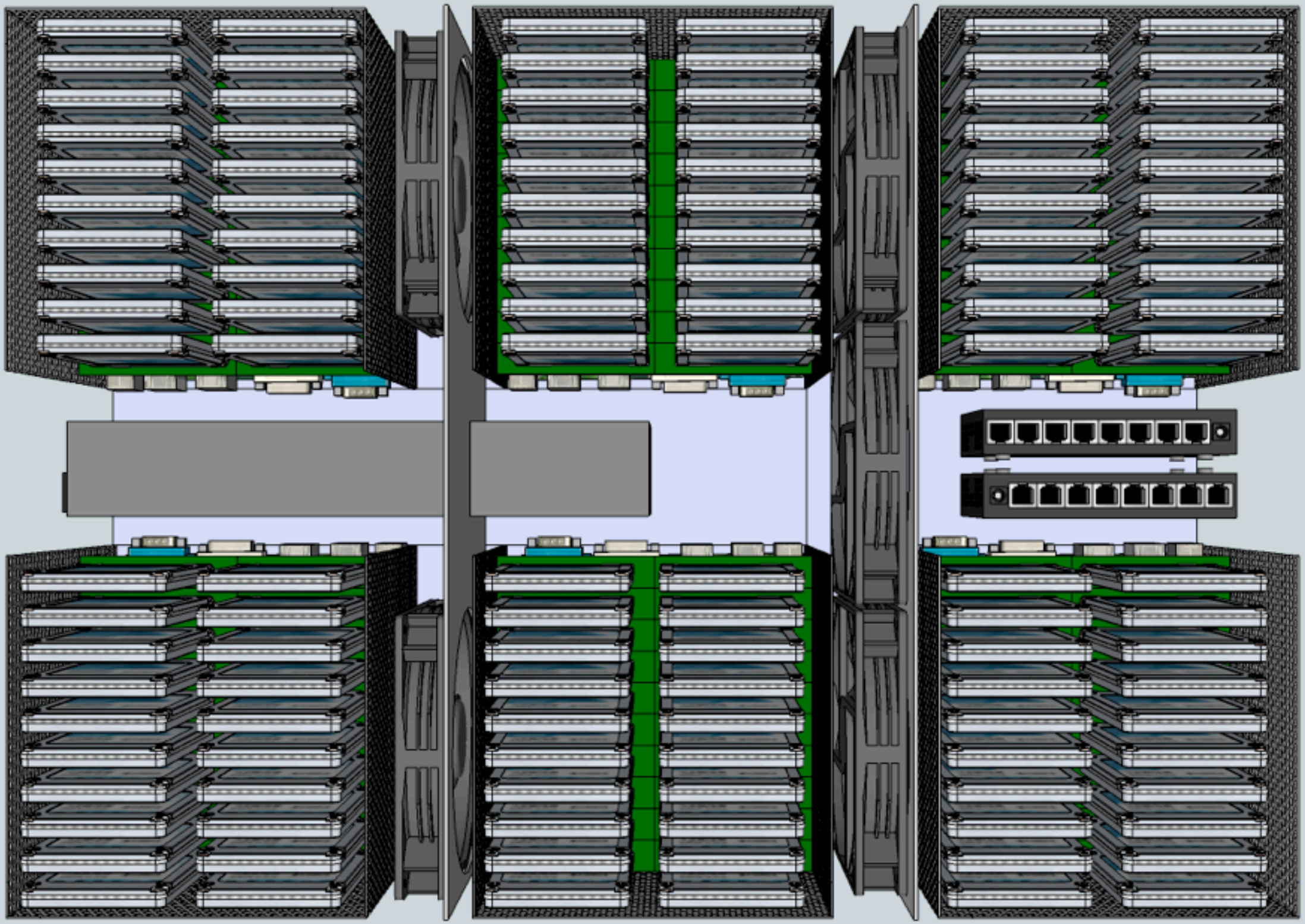
OpenStoragePod

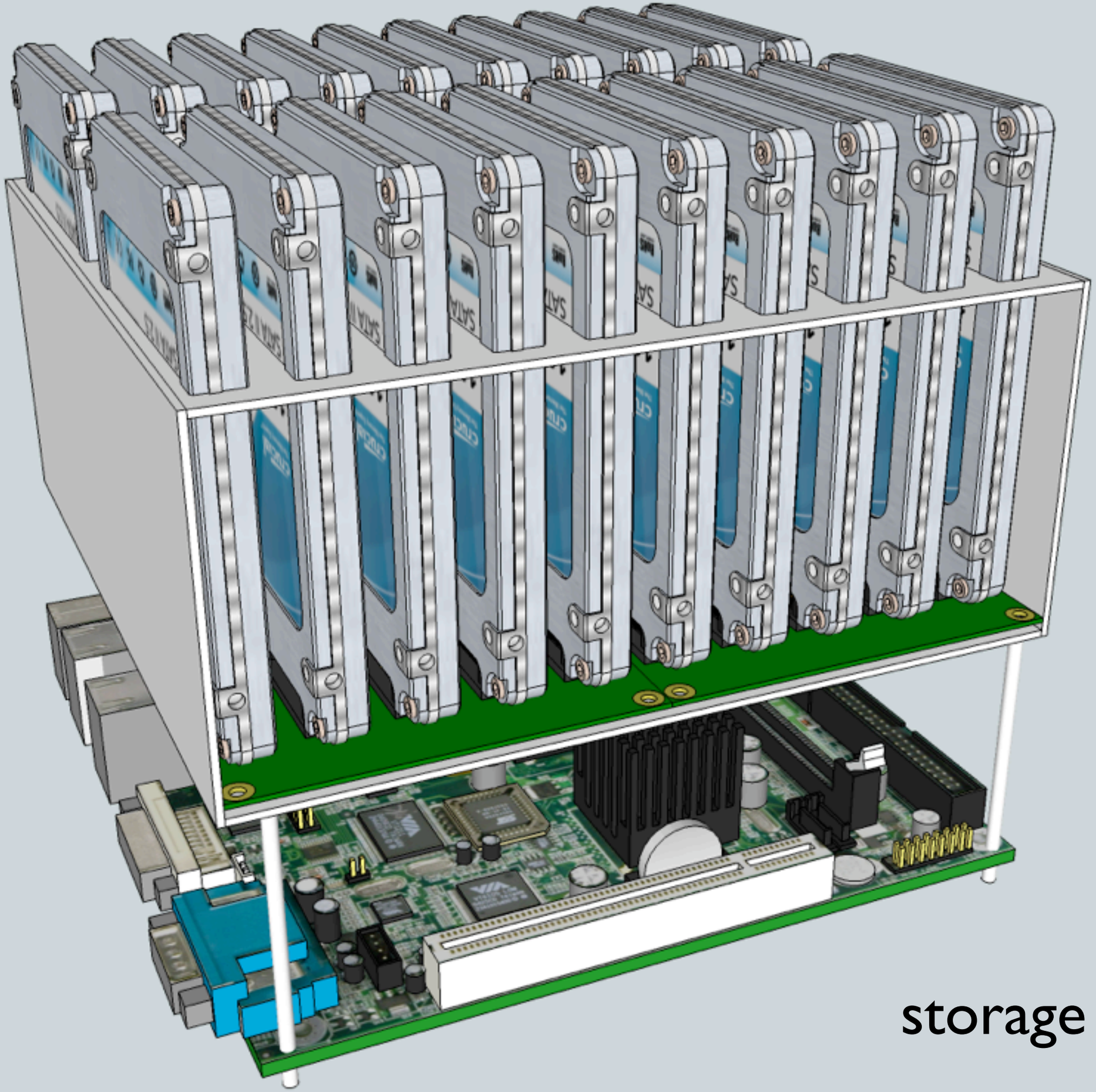
petascale storage for the rest of us



storage pod

hardware design

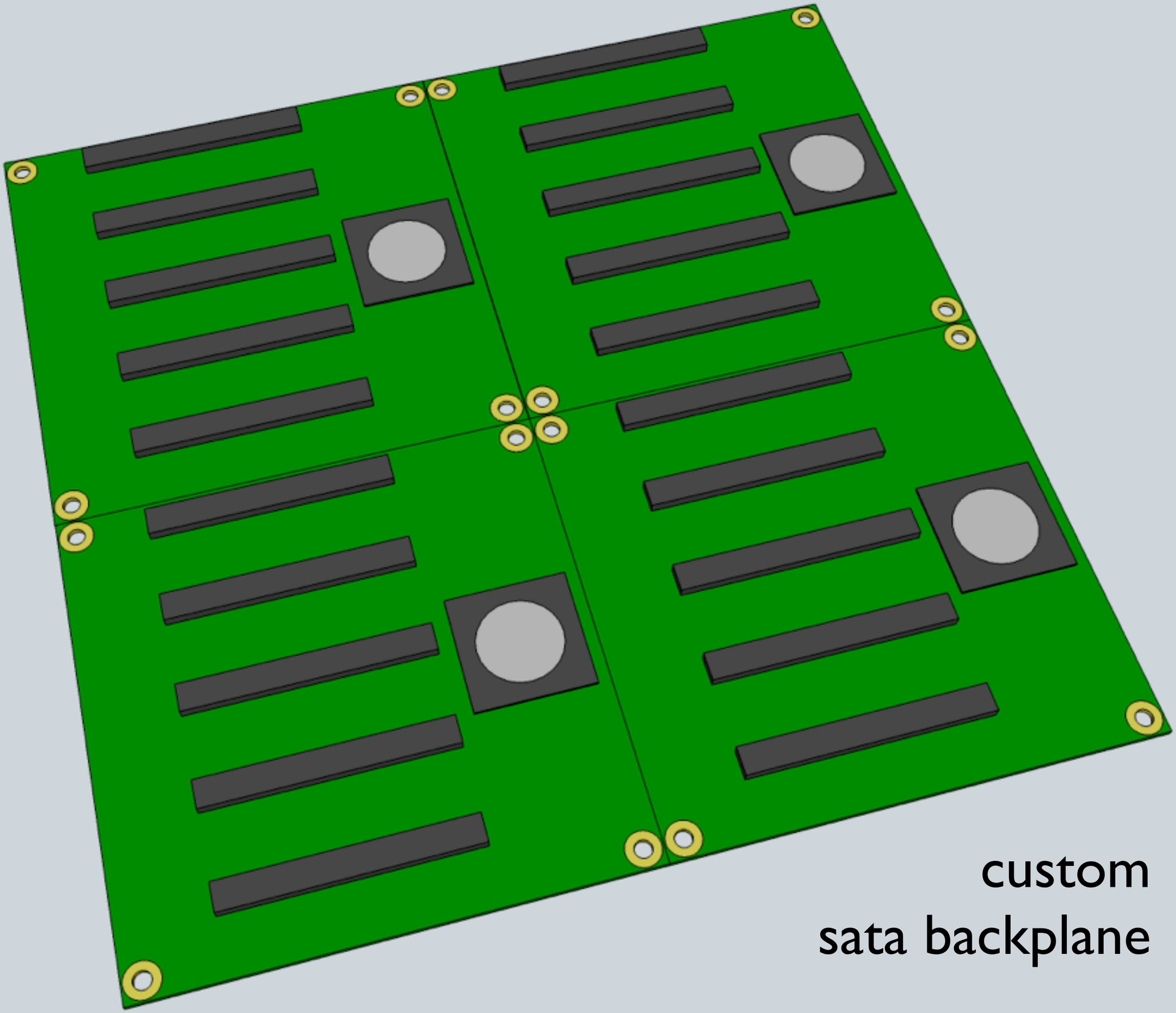
- basic unit is 4u storage pod
- each pod contains 6 storage nodes
- each node is 170 mm^3 cube, with:
  - mini-itx motherboard
  - 20 laptop disks (= 20 terabytes capacity)
  - 12v dc-dc power supply



storage node

the numbers

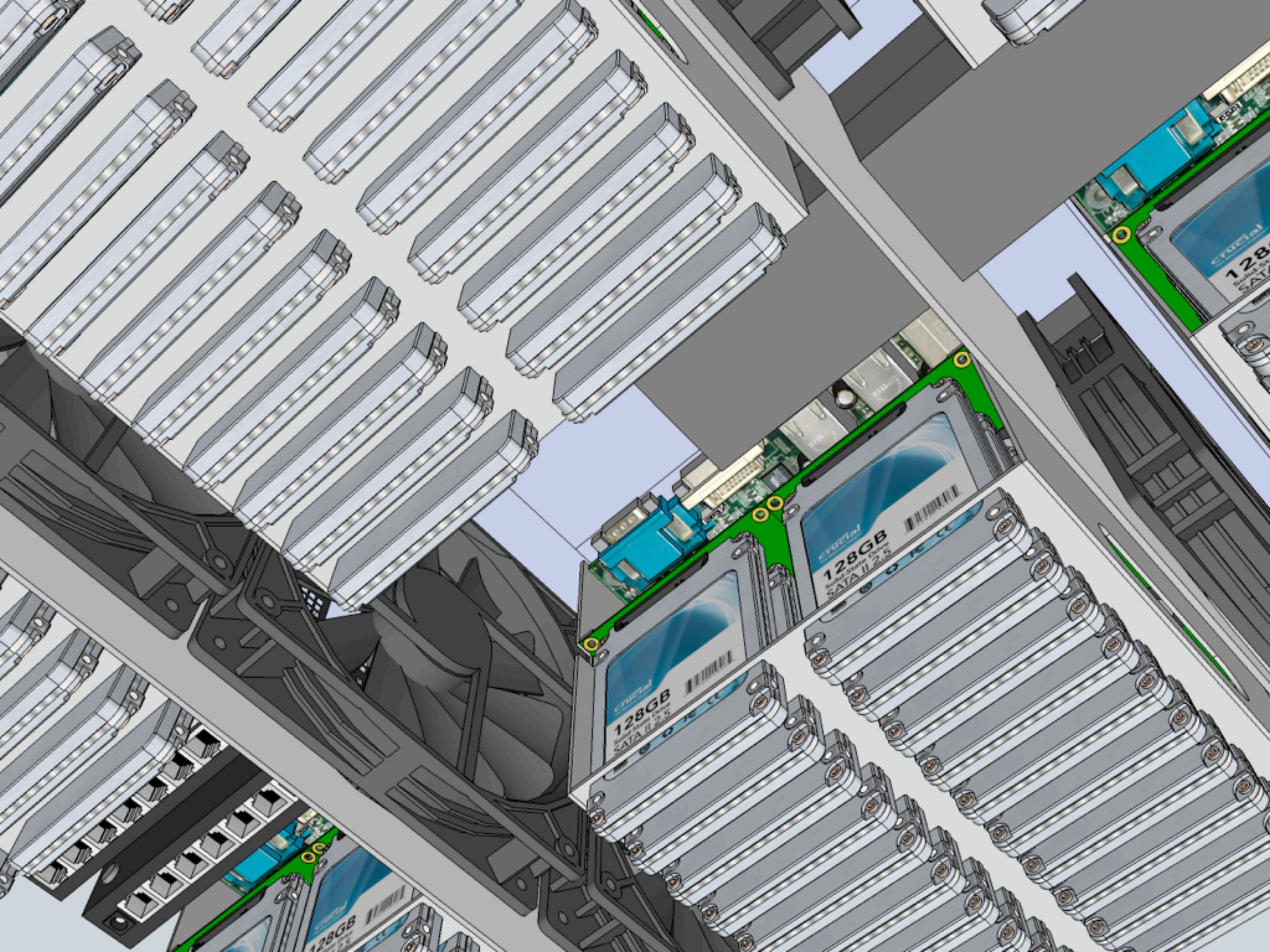
- 1 rack
- 10 storage pods
- 60 storage nodes
- 1200 disks
- 1.2 petabytes capacity
- ~ 6000 kilowatt power



custom
sata backplane

more info

- http://**openstoragepod**.org
- http://flickr.com/photos/**openstoragepod**
- http://groups.google.com/group/**openstoragepod**


crucial
128GB
Solid-State Drive
SATA II 2.5

contact

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