



all your servers in one engine



presenting irigo engine

Most businesses with more than a 100 employees run one or more server room. Running a server room is complicated and expensive. Building and maintaining the necessary infrastructure and keeping it up-to-date is even more daunting: All servers need network, cooling, emergency power, monitoring and backup.

We know servers - we run them for a living, and we have found that it is time to reconsider the concept of a server room. That is why we decided to design a fully automatized, ready-to-use new powerfull server room with 1,152 CPU cores, 1.5 TB memory, 144 TB regular storage, 28 TB lightning fast SSD-based storage, emergency power supply and built-in cooling. Then we shrunk it, into one self-contained standard 19" rack. Heat is removed from irigo engine by a built-in, unique ventilation system, which takes in room-temperature air from the entire front, and blows out warm air through two "chimneys", which must be connected to the outside.

irigo engine runs the irigo servers software stack, which let's you run and manage your storage, network and virtual servers from a web 2.0 UI or a command line.



IRIGO Servers

Easy to get started If your organization already uses virtual servers, simply upload your .vmdk or other supported image files, and start using your server.

Create an image of your physical servers, by using one of the many P2V tools available. Or create an empty image and install the operating system of your choice.

Manage with console Manage your servers from a web browser

Start your servers, manage your images, shapshot, clone, master, suspend, etc., all from your web browser

As the only cloud service, Irigo Servers offers secure, graphic console access to you virtual servers from your webbrowser. Secure Connect securely with your own network

Getting your network securely connected to your servers running at a cloud operator, often in another country, is the main show-stopper for using cloud computing, especially for clients in the public sector.

Backup Backup included

Even with your servers running in the cloud, with access to snapshotting and cloning your images, the need for robust backup does not go away.

Irigo Servers backups are complete copies of your images, stored in a separate data center, which you may use for complete restores, or for restoring individual files, all managed from your web browser.

presenting irigo servers

A fully automatized server room needs a fully integrated, complete software stack, so you can handle server, storage and network management from a single consolidated UI.

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That is why we built irigo servers.

irigo servers also lets you manage backups and monitoring of you servers.

irigo engine c1 is the processing unit of irigo engine.

We have packed 16 motherboards, 16 quad-core CPU's, 256 GB memory and 8 SSD-disks into one 4U box.

The irigo servers software stack handles ressource allocation, and optimizes energy use.

When processing load is low, motherboards and CPU's power down so they don't use energy.

IRIGO engine c1









irigo engine c1

Heat is removed from the processing unit by 3 powerful fans, and transported away by the irigo engine ventilation system.

Virtual servers with heavy I/O use SSD's as direct-attached storage for unmatched performance. This allows irigo engine c1 to support even your transaction-heavy database servers.

irigo engine c1 processing unit





Power button

- 16 * Mini-ITX boards with 2 Gbit/s network ports 16 * Intel Core i7 CPU's
- 16 * 2*8 GB RAM

8 * 600 GB SSD's

IRIGO engine s1







irigo engine s1 is the storage unit of irigo engine.

We have packed 72 TB storage controlled by a powerful storage server into one 4U box.

handles storage and energy management, including provisioning, snapshottiing, cloning and backup of your servers images.



irigo engine s1

The irigo servers software stack

Heat is removed from the processing unit by 3 powerful fans, and transported away by the irigo engine ventilation system.

The irigo engine software stack transparently moves virtual servers with heavy I/O from the network-based storage of the s1 unit to the direct-attached storage of the c1 unit.



2 * sfp+ ports 1 * power plug



irigo engine s1 storage unit

36 * 2 TB harddisk

airflow and cooling

irigo engine is designed to have a natural airflow, leading hot air out a chimney in the back of the rack.

Heat is removed from irigo engine by a built-in, unique ventilation system, which takes in room-temperature air from the entire front, and blows out warm air through two "chimneys" on the top, which must be connected to the outside.









specification list





Cabo is a cloud computing provider, offering high-performance hosted virtual servers, for compute and storage intensive services. Our clients run and manage virtual servers through our innovative web UI, effectively moving their old data center into a private cloud in our data centers.

Cabo also offers an array of hosted infrastructure services corporate clients and the public sector, including managed email, calendaring and collaboration tools as well as VoIP, web hosting, hosted storage. Cabo believes open computing is good business, and we run our services using Open Source software and open platforms. Combining innovation, creativity and open standards, we provide our clients with attractive and competitive products and solutions, offering the benefits of large scale operations on our secure environments.

Our clients and partners include major American and European Internet service providers, design and e-learning companys, BPO providers and The Danish National IT and Telecom Agency. Cabo A/S Klosterport 4a DK 8000 Aarhus C

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