



ATOM86 DATACENTER Specifications

\ GENERAL

- **Gross surface** - 4.000 m²
- **Surface IT area** - 2.500 m²

\ SECURITY

- **Staffing** - Security guards 24/7 on site
- **Cameras** - Motion activated camera units with recording
- **Access control** - Badge reading system with access list, picture and biometric access control on all critical areas

\ GLOBAL SLA

- **Power availability** - 100%
- **Cooling availability** - 100%

\ CONTINUOUS POWER

- **Transformers** - 6 x 1.000 kVA
- **Generators** - 4 x 1.700 kVA Hitec Continuous Power Systems providing clean power. ISO 8528-1 rated
- **Generator Redundancy** - N+1
- **Diesel stock** - 36.000 liter on site, refillable during use
- **On site fuel autonomy** - 48 hours (minimal)
- **Rack feeds** - Completely separated A and B feed

\ CONTINUOUS COOLING

- **Production method** - Natural cooling, using aquifer thermal energy storage and cooling towers
- **Total capacity** - Up to 1.500 kW
- **Cooling Design** - Cold Hot Corridor Containment
- **Redundancy** - 2N

\ SUSTAINABILITY

- **Power** - 100% green energy
- **Cooling** - 100% natural

\ FIRE SAFETY

- **Fire detection**
IT rooms - Aspiration System
All other areas - Smoke detection
- **Fire suppression**
IT rooms - Redundant argonite (gas)

\ BUILDING & ENERGY MANAGEMENT SYSTEM

- **Failure response** - Fully automatic
- **Monitoring** - 24/7
- **Redundancy** - 2N

\ INTERCONNECTION

The atom86 datacenter is carrier neutral

• Available carriers

atom86
BT
Colt Telecom
euNetworks
Eurofiber
FiberRing
Interoute
KPN
Open Peering
Joint Transit
Relined
Versatel
Verizon

• Internet Exchanges

AMS-ix (partner program)
NL-ix
AS-IX

• Cross-connects

MultiMode fiber
SingleMode fiber
UTP CAT5
UTP CAT6
UTP CAT3 (POTS)
Datacenter-2-Datacenter (atom86)

\ CERTIFICATIONS

- **ISO 27001** - Information Security
- **Uptime Institute** - ATS accredited staff
- **FIRA** - Sustainability
- **EXIN** - CDCP certified staff

