

Housing

FACT SHEET

Data center

📍 Location

Geneva - Switzerland

➔ Access

24/7

✔ Rate of availability

99.98%

📄 Classification

Tier III+

∞ Redundancy

N+1 (power supply, cooling, generators and inverters)

❄️ Cooling system

Free cooling with regulator-assisted air flow

📄 Certifications

- ISO 14001 Environmental management
- ISO 50001 Energy management
- ISO 27001 Information security management

🔒 Physical security

Access control by facial recognition on every level and between each zone

🔥 Fire alarm system

Extinguishing by micro-particles (extinguishes the outbreak of a fire)

Energy

📦 Supplier

SIG 60% hydraulic
40% green

⚡ Power

1 MW (18,000V / 230 V)

🔋 Autonomy

10 minutes with batteries
48 hours with generator
Activation in 2 minutes and switch to 2 generators with a tank capacity of 12,000 litres with refuelling while hot

2 TGBT Mardix type Tier III+
4 General Electric inverters (TLE series UPS)

Racks

Size	10U	20U	46U
Energy included	1 kWh, excess charged per consumption	1.6 kWh, excess charged per consumption	Per consumption
PDU	8 x CEI C13 sockets	16 x CEI C13 sockets	42 x CEI C13 sockets
📏 Dimensions	19" depth 100cm		
🔒 Security	Front and rear locking with 3-digit code		
🏋️ Maximum weight		1.5 tonnes per m2	
📄 Consumption invoice			As per SIG Vitale Vert rate

Network

Rack	10U / 20U / 46U
Network connection	Internet access included
Speed	1Gbit/s, optional 10Gbit/s
Volume of traffic	1Gbps: 100Mbps at 95pct, 10Gbps: commit of 1G to 10G, other options on request
Redundancy	2 independent network ports are included as standard
Security	Port filtering on request Automatic DDOS mitigation (Arbor platform external to Infomaniak, capacity 1 Tb/s)
IP addressing	IPv4: 1 address (/32), 5 additional addresses on request with no additional charge, larger blocks available on request according to conditions. IPv6: 1 block (/56) included as standard, more on request with no additional charge

Infomaniak network

Capacity of 400Gbps redundant on a loop of 50km around the Canton of Geneva

External connectivity

Swisscom 100G (transit)
Lumen 100G (transit)
Cogent 10G (transit)
Hopus 100G (peering)
CIXP 20G (peering)
SwissIX 10G (peering)

Private interconnections

On request

BGP configuration

On request

DNS

PTR registration on request

Useful information

Equipment accepted

Rackable 19" server

The servers must support the **Fresh Air** standards (operation at high temperatures without moisture regulation)

Customer workshop

We provide a fully-equipped technical room with:

- tools, trolleys, screens and keyboards as well as electrical and network cables
- coffee machines and washbasin
- AC Y power cables available