**Data center**

- **Location**
  Geneva - Switzerland

- **Classification**
  Tier III+

- **Access**
  24/7

- **Rate of availability**
  99.98%

- **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

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

- **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

**Racks**

<table>
<thead>
<tr>
<th>Size</th>
<th>10U</th>
<th>20U</th>
<th>46U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy included</td>
<td>1 kWh, excess charged per consumption</td>
<td>1.6 kWh, excess charged per consumption</td>
<td>Per consumption</td>
</tr>
<tr>
<td>PDU</td>
<td>8 x CEI C13 sockets</td>
<td>16 x CEI C13 sockets</td>
<td>42 x CEI C13 sockets</td>
</tr>
<tr>
<td>Dimensions</td>
<td>19&quot; depth 100cm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Security</td>
<td>Front and rear locking with 3-digit code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum weight</td>
<td>1.5 tonnes per m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumption invoice</td>
<td>As per SIG Vitale Vert rate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Network

<table>
<thead>
<tr>
<th>Rack</th>
<th>10U / 20U / 46U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network connection</td>
<td>Internet access included</td>
</tr>
<tr>
<td>Speed</td>
<td>1Gbit/s, optional 10Gbit/s</td>
</tr>
<tr>
<td>Volume of traffic</td>
<td>1Gbps: 100Mbps at 95pct, 10Gbps: commit of 1G to 10G, other options on request</td>
</tr>
<tr>
<td>Redundancy</td>
<td>2 independent network ports are included as standard</td>
</tr>
<tr>
<td>Security</td>
<td>Port filtering on request</td>
</tr>
<tr>
<td></td>
<td>Automatic DDOS mitigation (Arbor platform external to Infomaniak, capacity 1 Tb/s)</td>
</tr>
<tr>
<td>IP addressing</td>
<td>IPv4: 1 adress (/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</td>
</tr>
</tbody>
</table>

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