

Technical specifications

HYPER CLOUD DATA CENTER (IT4) - DC-A

THE MOST MODERN TECHNOLOGY HUB IN SOUTHERN CENTRAL ITALY

General

Total surface area: 10,730 m² Data hall surface area: 3,120 m² Number of independent data rooms: 6

Floors on which the server rooms are distributed: 3

- ✓ Secure location in terms of earthquakes
- √ Secure location in terms of hydro-geological risks

Building

Height of the data hall: 3.5 m Height of upper plenum: 1.4 m Height of lower plenum: 1.95 m

Load capacity of the floating floor: 2,300 kg/m² (distributed load) -

1,000 kg/m² (concentrated load in one place)

External firewalls: REI 240 Internal firewalls: REI 120

✓ Double insulation with defrost system

✓ Double loading bay

Certifications and compliance

- √ ANSI/TIA 942-B-2017 Rating 4 (formerly Tier 4)
- √ ISO 9001 Quality of services offered
- √ ISO 14001 Environmental management system
- √ ISO 27001 IT security
- ✓ ISO 45001- Workplace health and safety management system
- √ ISO 22301 Business Continuity management system
- √ ISO 20000-1 IT services management

Services

Colocation solutions: rack portions; dedicated racks; cage; dedicated rooms

Power per rack: from 14 kW for standard configuration up to 40 kW for a customized project

IT power individual room: 1 MW (powered by 2 redundant modules)

- ✓ Remote hands
- ✓ Shared warehouses, or dedicated to individual customers
- √ Shared offices, or dedicated to individual customers

Connectivity

Point of entrance: 6 Entrance Room: 2

Main Distribution Area (MDA): 2

- √ Carrier neutral data center
- √ Provision of managed connectivity

Energy

Total power: 6 MW IT 2N (redundant)

UPS redundancy: 2N+1

UPS type: double conversion static Individual UPS power: 500 kVA

UPS run time: 15 minutes at full power on single module in emergency conditions - 30 minutes in standard conditions

Generator redundancy: 2N

Generator type: diesel generator units

Full load run time: 24h in emergency conditions, 48h in standard conditions, refill within 12h

Cooling

Cooling type: Chilled water - water to air system Normal mode: air/water chiller to indirect free cooling

Chiller redundancy: 2N CRAH redundancy: 2N

Security

- / CCTV
- √ 24/7/365 security
- √ Separate parking for employees/visitors
- √ Vehicle bollards
- √ Separate entrance gates for visitors/goods
- / Mantrap for visitors and goods with anti-tailgating
- / Network Operations Center (NOC) 24/7/365
- √ Security Operations Center (SOC) 24/7/365
- ✓ Facility Operations Center (FOC) 24/7/365
 ✓ Building Management System (BMS)

Fire prevention system

Air exchange: 2vol/h

Extinguishing system: inert gas Extinguishing gas: IG-541 Redundancy of extinguishing cylinders: 2N

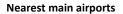
- √ Highly sensitive smoke detection system
- √ Underfloor liquid loss detection system
- $\checkmark\,$ Fire detection and extinguishing system in each single module
- ✓ Standalone system on every generator unit





Hyper Cloud Data Center (IT4)

Via Giacomo Peroni - 00131 Rome



Rome (FCO): 35 mins Rome (CIA): 20 mins

Nearby railway stations

Rome Termini: 30 mins Rome Tiburtina: 20 mins

Nearby motorway exits

A 24: 15 mins A 90 (GRA): 7 mins

Estimated average time by car.





