NTT DATA

Madrid 1 Data Center

Home of AI and cloud computing

Worldwide scale, local expertise

Marketplace for growth and innovation.

Madrid is the capital and most populous city in Spain. It's the financial and econo-mic center of Spain, boasting one of the highest GDPs in the EU. The Bank of Spain, one of the oldest European central banks, is based in Madrid, as well as the Madrid Stock Exchange, which is the largest and most international stock exchange in Spain. Madrid hosts the head offices of many major Spanish corporations, such as Telefónica, IAG, Iberia, Prosegur and Repsol. The city has recently emerged as an IT business hub, with the amount of tech start-ups on the rise in recent years. Madrid hosts many important media groups, newspapers and publications, and many well-established tech companies have a presence in the city including, Vodafone, BT, Orange, Apple, Microsoft and Google.

Madrid is the largest data center hub in Spain and a gateway to the world. Three new submarine cables connecting US, Latin America and North Africa, make Spain an important communications hub. Our first data center in Madrid provides access to

a vibrant community of hyperscalers, enterprises, partners and start-ups.

Madrid 1 is located on our 12,516m² site at Európolis Business and Technology Park, in the municipality of Las Rozas, one of the largest townships in Madrid, located 20km northwest of the city of Madrid itself, on the A-6 freeway to A Coruña. Our data center is planned as a dedicated data center new build and will offer an IT space of 3,400+m² and a client IT load of 6.3MW.

A solution for every requirement

With a total of 3,400+m² IT space and a maximum of 6.3MW IT load, Madrid 1 offers complete solutions for housing your IT and network systems in a secure, high-availability environment. We provide you with the best possible physical and technical infrastructure supported by 2N UPS systems, N+1 generator backup, as well as highly redundant cooling systems.

> " Madrid 1 holds multiple certifications and will be connected to major carrier hubs and cloud networks.

Secure and flexible space built to your specifications

Your requirements essential to our service offering. You choose, we deliver. Whether you select a building shell which you configure yourself, or we construct it according to your specifications, or even if you want to rent a single rack in our shared environment, we can accommodate your needs. We'll also ensure high-availability leveraging our years of engineering critical data centers while maintaining high levels of security to keep your infrastructure and data safe.

Overview of our main product offerings:

Fully-fitted	Colocation Rack
	Carrier Rack
	Dedicated Cage
	Dedicated Suite
Shell and core	Area
Supporting products and services	Multi Service Interconnection Platform
	Cross Connect
	Remote Hands

" We can accommodate your needs.

Infrastructure

Data center space

- 3,400+m² of IT space
- Flexible colocation deployments: single rack colocation, cages, suites, turnkey build to suites, shell and core solutions
- Ancillary spaces (offices, storage, and pre-installation rooms) available
- Common areas such as meeting rooms, catering area and showers

Cooling

- Redundant water-cooled system supported by free cooling (N+1)
- CRAH units in the suites and technical rooms
- Concurrently maintainable AHU's providing fresh air pressurization and humidity control to data suites
- Cold aisle containment to support high densities and maximize efficiencies

Power

- Two extern substations delivering 10MVA of on-site power
- Maximum client IT load of 6.3MW
- Average power density of 1.5 – 2.0kW/m²
- Dual-power supply at 20kV level from two substations
- Two separate UPS systems (A- and B-supply) with 2N redundancy
- Redundantly designed emergency power system with diesel generators N+1

Fire protection

- Monitoring of the data center building with automatic digital fire alarm system
- Fire fighting system based on a nitrogen extinguishing gas system
- Very Early Smoke Detection Alarm system (VESDA)
- Fire protection walls to a minimum of 60 minutes separation

Security

- 24/7 Service Control Center for security and building operation
- Redundant monitoring of all critical functions underpinned by standardized security processes and the multilevel security zone principle, secures the rental area and technical operations
- Palisade fencing supported by an additional 2.4m-high anti-climb 358 »weldmesh« fence to protect the perimeter
- CCTV covering the external perimeter, plant areas, and data halls
- Ram-raid bollard protection to BS PAS 68:2013
- Card swipe entry/exit to all doors
- Preventive risk assessment as well as continuous testing and training of operating personnel

Global data center network

- Part of the NTT DATA family
- Connectivity options to our global network

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Infrastructure

Connectivity

- Carrier- and cloud-neutral
- Carrier-mix from global Tier 1 supplier to regional supplier
- Connectivity to the major carrier hubs in Spain
- Pre-spliced dark fiber available on demand
- Redundant Carrier-Meet-Me-Rooms
- Redundant cabling infrastructure with diverse paths
- Pre-Cabling to support fast Cross Connect deployments
- High-performance internet access
- Inter data center connectivity between our data centers for geo-redundant solutions
- Multi Service Interconnection Platform to connect our clients to major cloud service providers such as Amazon Web Services, Microsoft Azur and Google Cloud Platform

Additional services

- Consulting, general and implementation planning for development projects
- Client Implementation Services
- Installation Services
- 24/7 Remote Hands Services
- Facility Services
- Audit Support Services

Service level agreement

- 99.999% power uptime availability
- Climate control conditions in line with ASHRAE guidelines
- Connectivity availability

Certifications

- ISO 9001
- ISO 27001
- ISO 22301
- ISO 50001
- ISO 45001
- PCI DSS
- ISAE 3402 Type 2 Report
- ISAE 3000 Type 2 Report

We are where your business is

We're operating multiple data centers in 20+ countries and markets

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Indonesia | Jakarta
Japan | Kyoto | Osaka | Tokyo
Malaysia | Cyberjaya
Singapore
Thailand | Bangkok
Vietnam | Hanoi | Ho Chi Minh City

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Sacramento | Santa Clara

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Bengaluru | Chennai
Kolkata | Mumbai | Noida

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South Africa | Johannesburg
Spain | Madrid
Switzerland | Zurich
UK | London

Madrid 1 Data Center

NTT Global Data Centers MAD1 SL
Calle Aquisgrán, 2
Las Rozas de Madrid
Spain

Contact:

📞 +49 69 78 01 21 90

✉ dc.emea.sales@global.ntt

🌐 services.global.ntt/globaldatacenters

in NTT Global Data Centers

Learn more about Global Data Centers

Our global platform is one of the largest in the world, spanning more than 20 countries and regions, including the Americas, Asia Pacific, EMEA and India. NTT DATA is routinely recognized as a Leader by leading networking and data center analysts.

As a neutral operator, we offer access to multiple cloud providers, a large variety of internet exchanges and telecommunication network providers including our own IPv6-compliant Tier 1 Global IP Network.

You benefit from tailored infrastructure, and experience consistent best practices in design and operations across all of our reliable, scalable and customizable data centers. We're ready to facilitate client adoption of next-generation technologies for computing at scale, virtualization, data migration, and cloud and B2B private connectivity both regionally and across the globe.

NTT DATA has made a net-zero commitment in alignment with the science-based target initiative across its operations by 2030 and the whole value chain until 2040. In addition, we drive towards powering our data centers with 100% renewable energy by 2030.

Visit us at **services.global.ntt/globaldatacenters**

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