



Issue #1

Hosting and Data Centers Services



Wholesale Marketing

Data and business development department



Introduction

Keep developing your business with high quality and cost effective solutions provided by Orange Jordan.

Orange Jordan; a leading provider for telecommunications services provide you tier III standard data center services, fully secured, monitored and perfectly designed to fulfill your needs and give you the best of new technologies in telecommunication and information world.

Two state of the art data centers with 2000 square meter space located in the dynamic areas of Amman allowing easy reach; the first is on Marj Al Hammam area known as Marj data center, while the second is on AL Hussein Medical Center known as Hashim data center.

These hosting facilities are the biggest and the most advanced in Jordan, they are available around the clock with no downtime.

Both data centers are connected to Orange Jordan MPLS network and global internet via fully diverse and protected links to ensure the highest availability and scalability for your growing business needs.



Rack specifications

• The following options are available for hosting in our data centers. The options come to meet every customer business needs.

- Secured room with 4 rack cabinets (42U).
- Secured room with 2 racks cabinets (42U).
- Shared cabinets per RU.



Power specifications

Pillar	Specification
Main Power	<ul style="list-style-type: none"> • 32Amp /230 V AC /-48V DC. • Average 5-7 K Watt per rack.
Redundant Power	<ul style="list-style-type: none"> • 32 Amp /230 V AC. • Two generators with dual diesel tanks available on each data center. • Two UPS feed systems (UPS A=1+1, UPS B=1+1) with 100% redundancy through separate routes, scalability is available to double the existing capacity. • Power Generator is capable of 1500 KVA - up to 10 full days of operation without power source from JEPSCO. • DC Feed is redundant at Modular & Distribution Level Along with a grounding system to ensure highest reliability and performance.
Power SLA	<ul style="list-style-type: none"> • Tier III standard for power SLA applies
Additional features	<ul style="list-style-type: none"> • Ability to manage power specifications for the equipment remotely through intelligent PDUs via DCIM system portal.



Cooling System

High and reliable cooling system to optimize your energy use!

Computer room air conditioning units (CRAC) and Cold Aisle Containment In-ROW system are used to monitor and maintain the temperature, air distribution and humidity in the facilities.

The two data centers are equipped with N+1 redundant cooling equipment to ensure the best conditions for your equipment.

Building security system

Keep your equipment's safe 24x7!

Protection of your equipment's would be more manageable through our security procedure:

- CCTV monitoring for both data centers available 24x7x365.
- On-site security guards always available. Secured fenced buildings.
- Security alarm systems in both buildings.
- Access to data centers for the customers available 24*7*365 through controlled dedicated electronic access cards .
- Access control procedure applies on data centers visitors.



Building management system

Continuous monitoring will keep you always on safe side!

Our data centers are monitored and controlled by fully managed systems that's available 24x7 to help in anticipating and ensuring the safety of the operation of all crucial systems.

- Monitoring system for temperature, humidity per rack/ customer level.
- Monitoring system for generator status.
- Monitoring system for fuel tanks current capacity.
- Monitoring system for UPS operation.
- Monitoring system for air conditioning status.
- Smoke detection system.
- Fire detection system.
- Physical Infrastructure Management System for tracking the allocation of critical assets inside the data center.

Fire protection and suppression systems

- Both data centers equipped with smoke detection and fire detection systems as first line of fire protection. These systems are monitored 24X7 by data center security team, and also connected to civil defense directly.
- GAS FM200 used in both data centers for fire suppression .



Contact details

For any further details or service request please contact us on the below:

CapacityWS@orange.com

Thanks for Reading!

Orange Jordan Wholesale team



Hosting and Data Centers Services

Building Space	<ul style="list-style-type: none"> • Marj DC:2,100. square meter. • Hashim DC:2,000 square meter
Rack Specifications	<ul style="list-style-type: none"> • Secured room with 4 rack cabinets (42U). • Secured room with 2 racks cabinets (42U). • Shared cabinets per RU.
Power Specifications	<p><u>Main Power:</u></p> <ul style="list-style-type: none"> •32Amp /230 V AC /-48V DC. •Average 5-7 K Watt per rack. <p><u>Redundant Power:</u></p> <ul style="list-style-type: none"> •32 Amp /230 V AC. •2 generators with dual diesel tanks on each data center. •Two UPS feed systems (UPS A=1+1, UPS B=1+1) with 100% redundancy through separate routes, scalability is available to double the existing capacity. •Power Generator is capable of 1500 KVA - up to 10 full days of operation without power source from JEPCO. •DC Feed is redundant at Modular & Distribution Level Along with a grounding system to ensure highest reliability and performance. <p><u>Power SLA:</u></p> <ul style="list-style-type: none"> •Tier III standard for power SLA applies. <p><u>Additional features:</u></p> <ul style="list-style-type: none"> •Ability to manage power specifications for the equipment remotely through intelligent PDUs via DCIM system portal.
Cooling System	<ul style="list-style-type: none"> •Computer room air conditioning units (CRAC) . •Cold Aisle Containment In-ROW system. •N+1 redundant cooling equipment
Building Security System	<ul style="list-style-type: none"> •CCTV monitoring available 24x7x365. •On-site security guards. Secured fenced buildings. •Security alarm systems. •Access to data centers for the customers available 24*7*365 through controlled dedicated electronic access cards . •Access control procedure applies on data centers visitors.
Building Management System	<ul style="list-style-type: none"> •Monitoring system for temperature, humidity per rack/customer level. •Monitoring system for generator status. •Monitoring system for fuel tanks current capacity. •Monitoring system for UPS operation. •Monitoring system for air conditioning status. •Smoke detection system. •Fire detection system. •Physical Infrastructure Management System for tracking the allocation of critical assets inside the data center.
Fire Protection and Suppression Systems	<ul style="list-style-type: none"> • Smoke detection . • Fire detection systems . •GAS FM200 for fire suppression .