



FDC-I2025 : Flex Data Center

# FDC-I2025 Flex Data Center

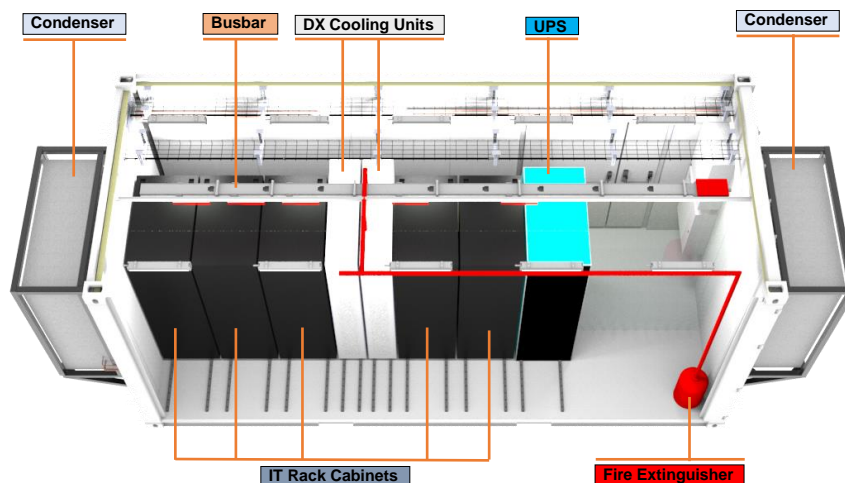
## Fast deployment, less investment and low PUE : Mobile Data Center Solution

### Introduction

The Mobile Data Center (FDC) is the total solution that including air conditioning, lighting, fire extinguishing, access control, power backup and rack cabinets. System is TierII compliant.

The FDC is scallable; the size of the Data Center can be tailored by adding the same container side by side as per requirement. The solution is also movable; can be moved other places.

### Specifications



#### Container

- 20'HC ISO Container
- Outer Length : 6058 mm
- Outer Width : 2438 mm
- Outer Height : 2896 mm

#### IT Capacity

- Up to 5kW per Enclosure
- Up to 5 Racks

#### Uninterrupted Power

- 30+30 kVA UPS with modular design (N+1)
- Low energy consumption, high efficiency
- Easy installation, long battery life

#### Container Insulation

- \* B Class Fire protection
- \* 142 kg/m3 Rockwool density
- \* Insulation material non-combustible mineral wool

#### Cooling

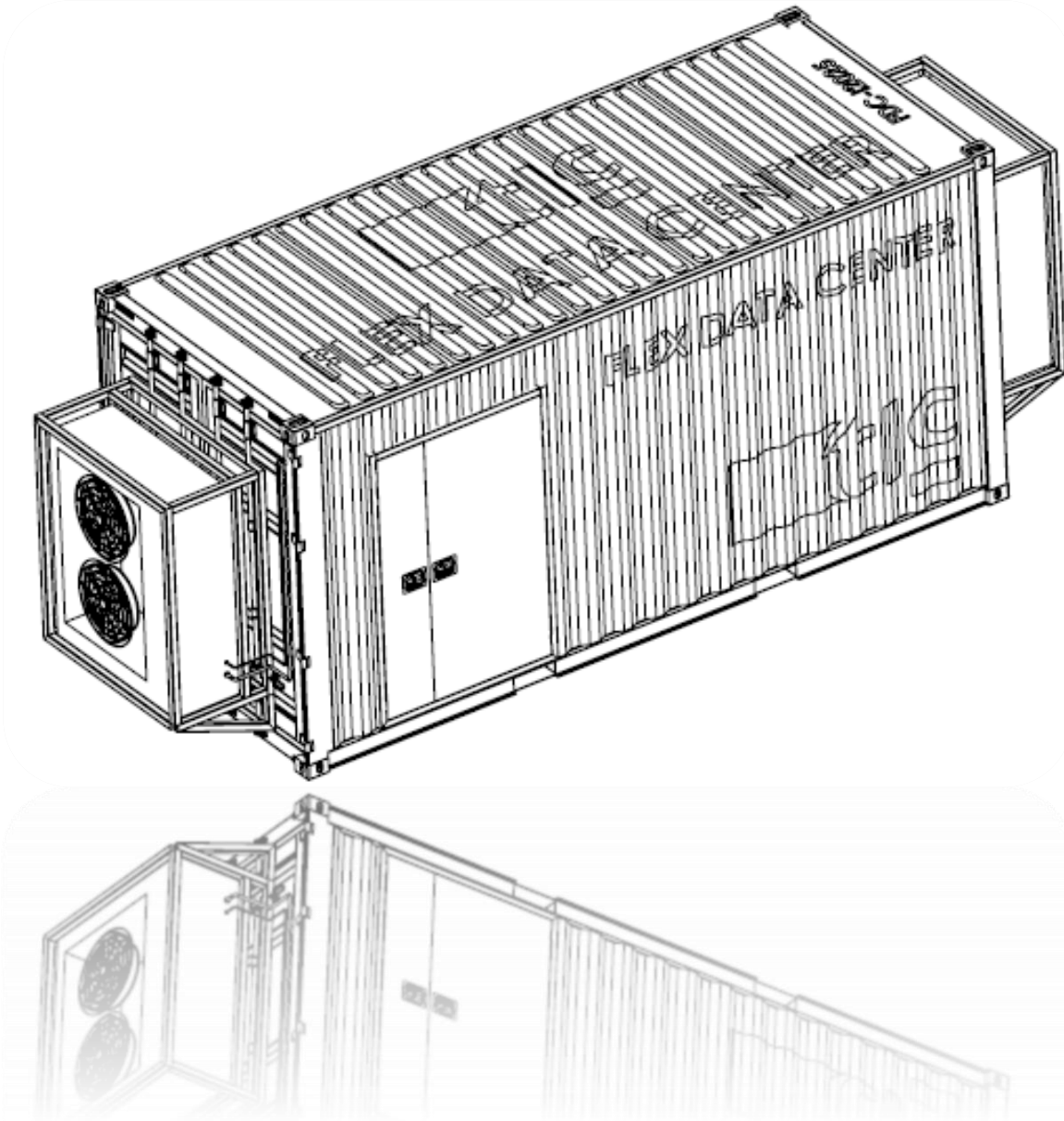
- Two In-Row Cooling Unit
- N+N Configuration
- Fully insulated container is not affected by external environment

#### Systems

- Gas-Based Environmentally Friendly Agent for Fire Suppression
- Biometric Access Controls
- Motion Dedection and Sensor-Based Alarm Notification

## Technical Specifications

Specification	FDC-I2025 Flex Data Center
<b>Model</b>	<b>FDC-I2025 - 5kW</b>
<b>Outer Length</b>	8000 mm
<b>Outer Width</b>	2438 mm
<b>Outer Height</b>	2896 mm
<b>Max. Load Capacity</b>	28,140 kg
<b>Standard ISO Dimension</b>	Yes
<b>Insulation</b>	B Class Fire protection, 142 kg/m <sup>3</sup> Rockwool density
<b>Cold Corridor Containment</b>	Yes
<b>Uninterruptible Power Supply</b>	30+30kVA Power, 10 min backup time
<b>Uninterruptible Power Supply Redundancy</b>	Yes Modular Redundancy (N+1)
<b>IT Equipment Electrical Load Limit</b>	28 kW
<b>Max Power per Enclosure</b>	5 kW
<b>Input Power</b>	380 V 3-Phase, 50Hz
<b>Voltage to Enclosure</b>	220V
<b>Cooling Technology</b>	In-Row Cooling Units, Gas System(DX)
<b>Cooling Capacity</b>	56 kW
<b>Cooling Technology Redundancy</b>	Yes (N+N)
<b>Server Cabinet</b>	19' 600x1000mm Industry Standard Cabinet
<b>Max. Number Server Cabinet</b>	5
<b>Available RU Space per Rack</b>	42 U
<b>Total Rack Space</b>	210 U
<b>Smoke Detection (Active / Passive)</b>	Yes
<b>Fire Suppression System</b>	Yes
<b>Humidity and Temperature Sensor</b>	Yes
<b>Humidifier</b>	Yes
<b>Monitoring System</b>	Yes
<b>Security</b>	Biometric Access Control and IP Camera



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