



FDC-I4835 : Flex Data Center



# FDC-I4835 Flex Data Center

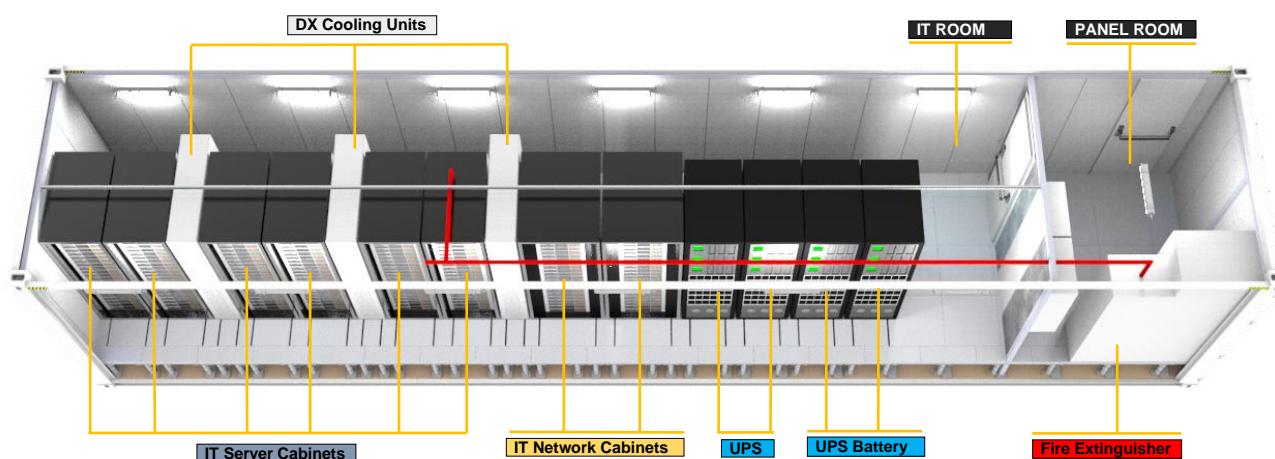
Fast deployment, less investment and low PUE : **Mobile Data Center Solution**

## Introduction

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

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

## Specifications



### Container

- 40'HC ISO Container
- Outer Length : 12192 mm
- Outer Width : 2438 mm
- Outer Height : 2896 mm

### IT Capacity

- Up to 6kW per Enclosure
- Up to 8 Racks

### Uninterrupted Power

- 80+80 kVA Modular UPS, (N+N) Configuration
- Low energy consumption, high efficiency
- Easy installation, long battery life

### Container Insulation

- \* B Class Fire protection
- \* 142 kg/m<sup>3</sup> Rockwool density
- \* Insulation material non-combustible mineral wool

### Cooling

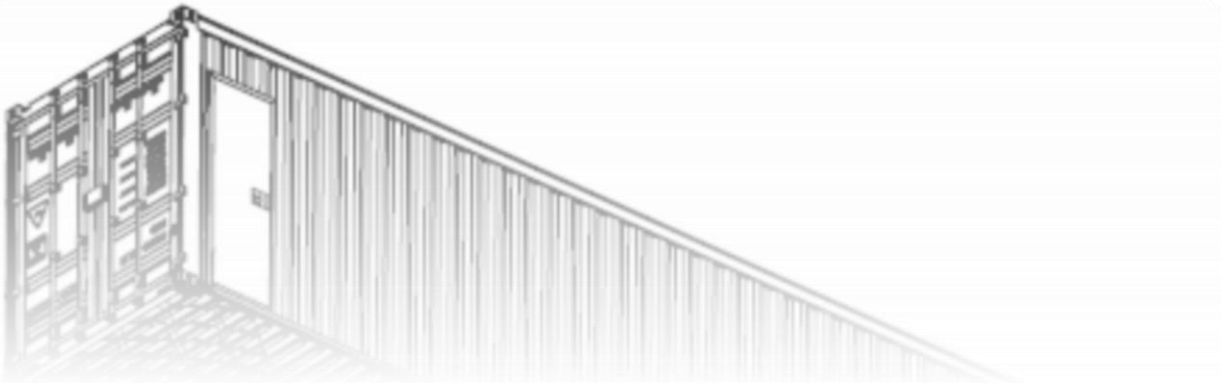
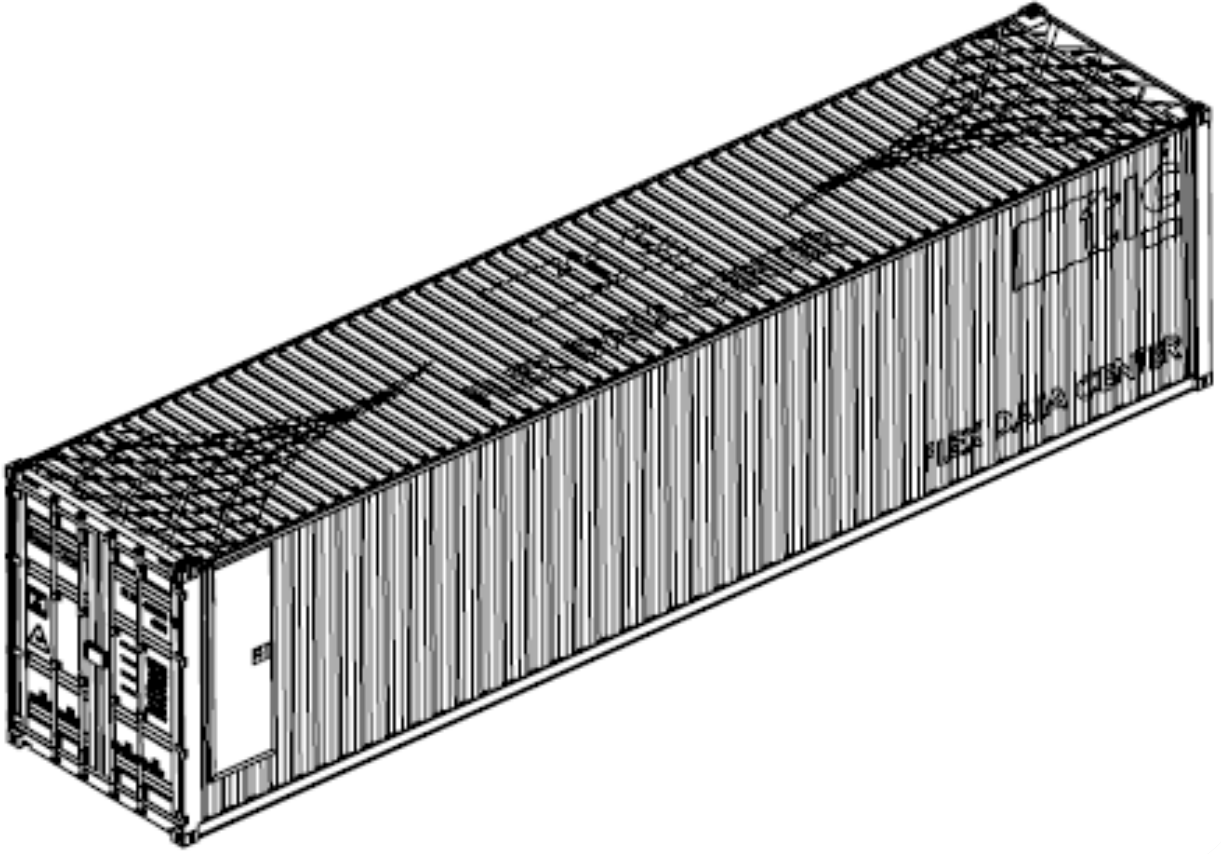
- Three In-Row Cooling Unit
- N+1 Configuration
- Fully insulated container is not affected by external environment

### Systems

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

## Technical Specifications

Specification	FDC-I4835 Flex Data Center
Model	FDC-I4835 - 6kW
Outer Length	12192 mm
Outer Width	2438 mm
Outer Height	2896 mm
Max. Load Capacity	26,480 kg
Standard ISO Dimension	Yes
Insulation	B Class Fire protection, 142 kg/m3 Rockwool density
Cold Corridor Containment	Yes
Uninterruptible Power Supply	80+80kVA Power, 10 min backup time
Uninterruptible Power Supply Redundancy	Yes Modular Redundancy (N+N)
IT Equipment Electrical Load Limit	80 kW
Max Power per Enclosure	6 kW
Input Power	380 V 3-Phase, 50Hz
Voltage to Enclosure	220V
Cooling Technology	In-Row Cooling Units, Gas System(DX)
Cooling Capacity	56 kW
Cooling Technology Redundancy	Yes (N+1)
Server Cabinet	19' 600x1000mm Industry Standard Cabinet
Max. Number Server Cabinet	6
Network Cabinet	19' 800x1000mm Industry Standard Cabinet
Max. Number Network Cabinet	2
Smoke Dedection (Active / Passive)	Yes
Fire Suppression System	Yes
Humidity and Temperature Sensor	Yes
Humidifire	Yes
Monitoring System	Yes
Security	Biometric Access Control and IP Camera



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