



ITI Data Center, Bangalore

Site Specification Sheet



ITI's world-class Tier 3+ state-of-the-art Data Center is strategically located in Bangalore in close proximity to the important business centers. The ITI Data Center provides, a rock solid infrastructure, multiple level of security and full range of services allowing the customers to run their business with greater efficiency and peace of mind.

FLOOR SPECIFICATIONS: PHASE 1

Second Floor
Low Density

Data Center

Area	3892 sq.ft.
Racks	105 nos.
Power load	8 KVA

Other Facilities

- 2 Electrical rooms
- 18 seater conference room
- 40 seater Network Operation Center (NOC)

First Floor
Medium Density

Data Center

Area	6060 sq.ft.
Racks	168 nos.
Power load	10 KVA

Other Facilities

- 2 Electrical rooms
- Console room

Ground Floor
High Density

Data Center

Area	1766 sq.ft.
Racks	42 nos.
Power load	14 KVA

Other Facilities

- Building Management System (BMS)
- Telco, Safe Vault, Staging room
- UPS rooms (Primary and Secondary source)
- Battery rooms (Primary and Secondary source)
- Electrical room

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SPECIFICATIONS

Space & Power

- ◆ Total Gross Area = 1,20,000 sq. ft.
- ◆ Phase 1 Gross Area = 75,000 sq. ft.
- ◆ Dual power feeds
- ◆ 5 MVA of total power and upgradable further
- ◆ 230 Volts, 63A dual feed AC power per rack

Security

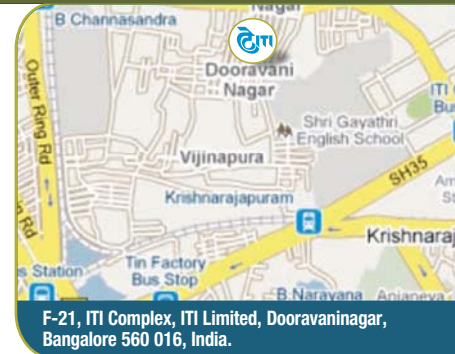
- ◆ Security Process certified for ISO 27001:2005
- ◆ 24x7 Security guards at main entrance and on each floor
- ◆ Multi layers of security –Access card and Biometric control system
- ◆ Video Surveillance with multiple CCTV Cameras with 30 days archival
- ◆ Customised security policy for customers on request

Environment

- ◆ Temperature $22 \pm 2^\circ \text{C}$
- ◆ Humidity $50\% \pm 5\%$
- ◆ Temperature sensors and Smoke/ Fire alarms
- ◆ VESDA Smoke detection and Ionization
- ◆ FM200 based Fire Suppression System

Connectivity

- ◆ Meet-me-Room: Multiple Carriers availability with redundant fiber – BSNL, Bharti, Reliance, TATA etc.
- ◆ Internet Bandwidth from multiple ISPs
- ◆ Network Architecture: N+N Redundancy



Specifications	High Density (Ground Floor)	Medium Density (First Floor)	Low Density (Second Floor)
Raised Floor Area	1766 sq. ft.	6060 sq. ft.	3892 sq. ft.
Number of Racks	42	168	105
Power Density	325 watts/ sq. ft.	236 watts/ sq. ft.	184 watts/ sq. ft.
Load Bearing Capacity	Up to 2000 kgs per rack	Up to 1200 kgs per rack	Up to 800 kgs per rack
UPS Systems	13 nos. x 500 KVA (2N+1)		
Battery Banks	13 x 126 nos. (2N+1)		
Precision Air Conditioners	29 nos. x 30.69 TR (2N+1)		
HVAC Systems	4 nos. x 366 TR (N+1)		
Diesel Generators	5 nos. x 1500 KVA (2N+1)		
False Floor to Ceiling Height	8.5 ft.		
Height of Raised Floor	2 ft.		