



ScaleUp - Edge Micro Data Center; enabling Data Sovereignty

Savings | Reliability | Intelligence



- Is cloud cost killing you?
- Are hyperscalers scaling up your bills?
- Unsure where your IT budget is really going?



Cost Savings
40-60%



Uptime
99.95%



AI-Driven
Reduce downtime by 70%



24/7 NOC Monitoring



Green and Sustainable Technology

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Introducing ScaleUp MDC

- Space Optimization
- Speed & Low Latency
- Enhanced Security
- Simplified Deployment
- Plug & Play Data Center
- On-Premises Infrastructure with Cloud Agility

start saving
today.



Key Features of ScaleUp MDC

- Prefabricated One-in-All Rack
- Precision Cooling
- 3-7KVA UPS with Lithium Battery
- Fire Precision Systems
- Inbuilt DCIM + SIMS – Monitor, Control & Manage Everything at One Place
- 24/7 NOC Operations

Who Is It For?

- Government & PSU
- NBFCs & Banks
- Retail Chains
- Real Estate & Smart Cities
- Medical Clinics & Hospitals
- AI/ML Enterprises

SIMS – Scaleup Infrastructure Management Suite

- DCIM+ – Temp | Humidity | Alerts | Rack View
- IT & Network – CPU | RAM | Disk | Bandwidth
- Billing – Per-U | kWh | Auto Invoices
- Remote Control – SSH | RDP | PDU Reboot
- Multi-Site Dashboard + Auto Escalation

“From Monitoring to Monetization – Powered by SIMS”

Technical Specifications

Rack & Mechanical Specs

- **Rack Sizes:** 22U – 45U (Customizable)
- **Material:** Powder coated Steel
- **Static Load:** 1000 Kg
- **Dimensions:** 800mm (W) x 1200mm (D)
- **Ingress Protection:** IP22-IP65
- **Doors:** Front: Glass
- **Side Panels:** Secured & Integrated

Monitoring System

- **Rack level:** Environmental, Security & Safety monitoring with alarm system & auto alerts (SMS, Email, WhatsApp)
- **Sensors:** Temperature, Humidity, Smoke, Water Leak, Door access control
- **Access Control:** PIN / Biometric / Access Card
- **Temperature & Humidity:** 0°C to 100°C / 0% to 100% RH
- **Power Supply:** Online UPS battery charge status

Security Features

- **Access Control:** Biometric / Access Card / PIN
- **Emergency Access:** Door Bypass option under critical temperature rise
- **Dual Authentication:** Biometric and Access Card

Power & Connectivity

- **UPS:** Rack-based online UPS with a minimal 15-minute battery backup
- **PDU:** Rack-based PDU (Normal & Smart (Single/Three Phase, Remote monitoring, Socket-level monitoring, Surge protection, Load balancing))

Fire Safety System (GRSL)

- **Temperature & Humidity:** 0°C to 100°C / 0% to 100% RH
- **Smoke Detector:** Inbuilt Smoke Detector
- **Suppression Agent:** FK 5-1-12
- **Discharge Type:** Direct / Indirect
- **Cylinder Size:** 2L / 4L / 6L / 9L
- **Detection System:** Double Knock Detection System
- **Control Panel:** Microprocessor-based control panel
- **Power Supply:** 220V-240V AC, 3 A, 60/50Hz
- **Compliance:** UL, LPCB, CE, RoHS

Cooling System

- **Cooling Capacity:** 1-2TR
- **Cooling Type:** Precision cooling
- **Refrigerant:** Eco-friendly refrigerant
- **Temperature Range:** 18°C to 27°C
- **Humidity Control:** 40% - 55%
- **Airflow:** Front to back airflow
- **Power Supply:** 220V-240V AC, 3 A, 60/50Hz



ScaleUp InfraTech Pvt. Ltd. – Redefining Data Center Intelligence

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