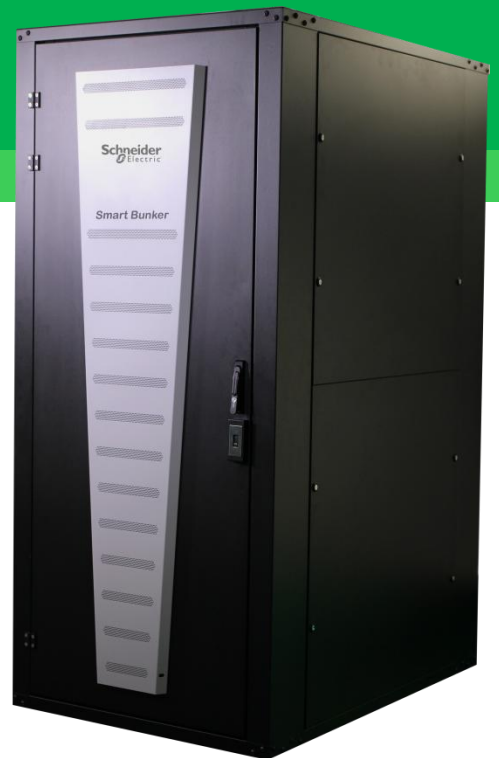


SmartBunker™ FX



The SmartBunker FX is an easy-to-deploy, highly protected Micro Data Center solution that comes complete with backup power, cooling, and management within a secure, insulated, and rugged enclosure.



Ideal for locations that are lacking dedicated IT space and require additional levels of physical protection or security

Life Is On

Schneider
Electric

Advantages

Schneider Electric's SmartBunker FX is a Micro Data Center infrastructure solution within a secure, insulated, and rugged enclosure. Each unit contains UPS, power distribution, active cooling, environmental sensors, and remote management software to provide a plug & play solution for easy and secure deployment of your IT equipment. Additional options such as fire suppression, industrial cooling, and biometric security allow for increased protection of critical systems.

Protect Critical Data

- > Protects sensitive IT equipment from harsh environments, vandalism, and natural disasters
- > Thermally Isolates and maintains consistent temperature to maintain longevity of servers and networking gear

Simplify Deployment

- > Replaces small server rooms in remote locations, factories, and production facilities
- > Pre-manufactured and pre-tested prior to delivery, deploys quickly and easily without construction of a room and dedicated filtering system

Minimize Latency

- > Place processing capacity closer to production to minimize network delays
- > Improve real-time processing and decisions for exploration, on-site production, and forward operation bases

Why Schneider Electric?

1. **Experience** – Over 20 years of configuring small IT infrastructure solutions to match market needs
2. **Global capabilities with local support** – Global supply chain with experts in your region to support applications and engineering
3. **Remote management solutions** - Several system management options from basic component level monitoring to a full suite of DCIM and security solutions to manage your entire data center infrastructure

Applications

Military

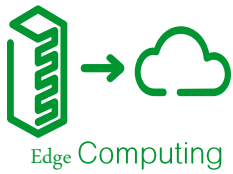
Military operations require, rugged, mobile, and easy-to-deploy solutions for managing forward bases and remote sites in harsh environments

Industrial and Manufacturing

Harsh and rugged environments require special physical protection of critical data systems for research and production

Healthcare

Building space constraints and growth of digital imaging capacity require micro data centers throughout the hospital campus



Features and Components

- > Superior physical protection with heavy gauge steel construction
- > Thermally Insulated walls keep cold air in and hot air out
- > Wall construction provides superior sound attenuation
- > Sealed cable entries
- > Front and rear access with 180° doors
- > Remote monitoring of temperature, power, cabinet access, fire, and video
- > UPS with 5 min runtime allowing for safe, remote shut down

Multi-point locking door and NetBotz Rack Access proximity card locking system



StruxureWare Data Center Expert software for remote management and real-time monitoring



NetBotz Security and Environmental Monitoring

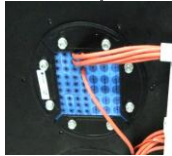
- > Surveillance Cameras
- > Alarm beacon
- > Temp. & Hum. Sensors
- > Intrusion
- > Smoke detector



Switched and metered rack PDU with remote monitoring



InRow self-contained, active DX cooling with monitoring, controls, and display



Sealed cable entries



Smart-UPS On-line with remote management

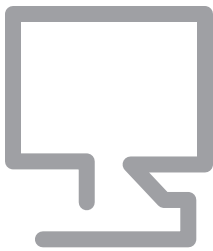
Configurations and Options



Custom Options

- > Vertical and horizontal cable management (front or rear)
- > Additional sealed cable entry/exits
- > Vibration attenuation mount system to reduce seismic shock to sensitive IT equipments
- > Fire suppression, detection, and extinguishing system: Direct low pressure DOT system 6 lb, Alarm sound system with flashing LED
- > Upgrade power and cooling to 2N redundancy

	23U Enclosure 3kW Capacity	42U Enclosure 5kW Capacity	42U Enclosure 8kW Capacity
Enclosure Dimensions (WxDxH)	23U 835x 1448x 2146mm 32.9"x57"x84.5"	42U 1100x1600x2220 mm 43.3"x63"x87.4"	42U 1100x1600x2220 mm 43.3"x63"x87.4"
Power Protection	5kVA Smart-UPS 208/230V w NMC	5kVA Smart-UPS 208/230V w NMC	8kVA Smart-UPS 208/230V w NMC
Power Distribution	Rack mount, networked, Metered, Switched	Rack mount, networked, Metered, Switched	Rack mount, networked, Metered, Switched
Cooling	DX, Top-Mount, Self- Contained, Built-In Condenser, Exhausts to room 3.4 kW	DX, InRow SC, Self- Contained, Built-In Condenser, Exhaust to building HVAC 5.25kW	DX, InRow RD, External Condenser Required 9.9kW
Environmental Monitoring, security	Temperature and Humidity sensor, Rack Access PX, Appliance, Camera Pod		
Software	DC Expert Virtual, 5 Nodes Free		
SKU Numbers	PFMSB50023 PFMSB50023NA (60Hz)	PFMSB51042 PFMSB51042A (60Hz)	PFMSB50042 PFMSB50042NA (60Hz)



Product Showcase Video

Micro Data Centers Infrastructure

Visit: <http://tv.schneider-electric.com>

Whitepapers

Practical Options for Deploying Small Server Rooms and Micro Data Centers

Visit: http://www.apcmedia.com/salestools/VAVR-8T7KVJ/VAVR-8T7KVJ_R1_EN.pdf?sdirect=true

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