Deploying Micro Data Centers at the Edge

Micro Data Center Xpress

Micro Data Center Xpress solutions from APC by Schneider Electric are Certified, Compatible, Secure, and Manageable, simplifying physical infrastructure deployment in Edge environments, making it fast, easy, and cost effective.

apc.com/micro-dc-xpress

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Micro Data Centers at the Edge

Why are they needed?

☑ Certified
IT vendor validated infrastructure

☑ Fast
IT equipment can be pre-installed and shipped to the customer site

☑ Compatible
Designed for the latest converged and hyperconverged IT systems

☑ Secure
Physically secure to prevent unauthorized access

☑ Manageable
Remote management for maximum uptime

Benefits

Micro Data Center Xpress solutions make it easy and cost effective to add data center capacity anywhere and anytime it is needed – in both IT Room and non climate controlled environments.

These customizable designs include the physical enclosure, UPS, PDU, cooling, software, environmental monitoring, and security – all tested, assembled, and packaged at an APC by Schneider Electric facility and then shipped.

For System Integrators:
We provide a comprehensive starting point of integrated physical infrastructure for micro data centers. We simplify the manufacturing process and save costs!

For IT Solution Providers:
We work to define standard solutions that are validated by Converged/Hyperconverged industry vendors. We simplify the purchasing and delivery process!

For End Customers (Retail, Finance, Government):
End users need to deploy standardized drop-in-place micro data centers en masse; potentially for thousands of sites with global availability. We simplify the delivery and deployment processes with repeatable designs, leveraging centralized management for higher availability.

Industry Trends Drive Need for Edge

Internet use is trending towards bandwidth-intensive content and an increasing number of attached devices; what many call the **Internet of Things (IoT).**

Edge computing brings bandwidth- intensive content and latency-sensitive applications closer to the user or data source, providing a low latency bridge to the centralized cloud.

Recent industry moves are showing a shift to a **decentralized, hybrid computing ecosystem.**

As a result, the future will see a proliferation of localized edge data centers utilizing **converged and hyperconverged** technologies.

APC has invested heavily in building **alliances** with key vendors in the **converged and hyperconverged** market. We are committed to innovating new technologies and **joint solutions** that support the adoption of both Edge and Cloud Computing, as well as meeting the challenges of Big Data and the IoT.

Read about our alliance partnerships on our website at:

APC Alliances

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by **Schneider** Electric

Providing Agility, Capacity, and Security
3 Models: Micro Data Center Xpress

Capacity

Agility

Security

42U Micro Data Center SX

24U Micro Data Center SX

23U Micro Data Center FX

Micro Data Center Xpress Models

42U Micro Data Center SX	24U Micro Data Center SX	23U Micro Data Center FX
SKU: MDC42SX5KVAT	**SKU: MDC24SX3KVAT**	**SKU: MDC23FX3KVAT**
Rack: 42U NetShelter SX w 2000lbs Shock Packaging AR3100SP	**Rack**: 24U NetShelter SX w 1250lbs Shock Packaging AR3104SP1	**Rack**: 23U NetShelter FX w Shock Packaging AR 5023TCT
Power: 2x 5kVA, 208V UPS w NMC SRT5KRMXLT	**Power**: 2x 3kVA, 120V UPS w NMC SMX3000RMLV2UNC	**Power**: 2x 3kVA, 120V UPS w NMC SMX3000RMLV2UNC
Power Distribution: 2x Switched rPDU, 0U AP8941	**Power Distribution**: 2x Switched rPDU, 2U AP7902B	**Power Distribution**: 2x Switched rPDU, 2U AP7902B
Power Cord Kit: (6 ea), Locking, C13 to C14, 1.8m, NA AP8706S-NA	**Power Cord Kit**: (5 ea) C13 to 5-15P 0.6m AP9891	**Power Cord Kit**: (5ea) C13 to 5-15P 0.6m AP9891
Environmental Monitoring & Security: NetBotz 250 Appliance & Rack Access, 125kHz NBACS125	**Environmental Monitoring & Security:** NetBotz 250 Appliance & Rack Access, 125kHz NBACS125	**Environmental Monitoring & Security:** NetBotz 250 Appliance & Rack Access, 125kHz NBACS125
Misc: Brush Strip Panel, Blanking Panels AR8429, AR8136BLK	**Misc**: Brush Strip Panel, Blanking Panels AR8429, AR8136BLK	**Misc**: Brush Strip Panel, Blanking Panels AR8429, AR8136BLK **PLUS! Cooling** via Top-of-Rack Kooltronic

Design in the Local Edge Configurator

Solution Providers and System Integrators looking to order these solutions, modify them, leverage validated reference architectures, or configure custom solutions, may do so in the new **Local Edge Configurator.** Must be enrolled in the APC Channel Partner Program to access. Visit apc.com/personalpage to login and access "Design Portal." For more information about the APC Channel Partner Program, visit apc.com/partners

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Why APC by Schneider Electric?
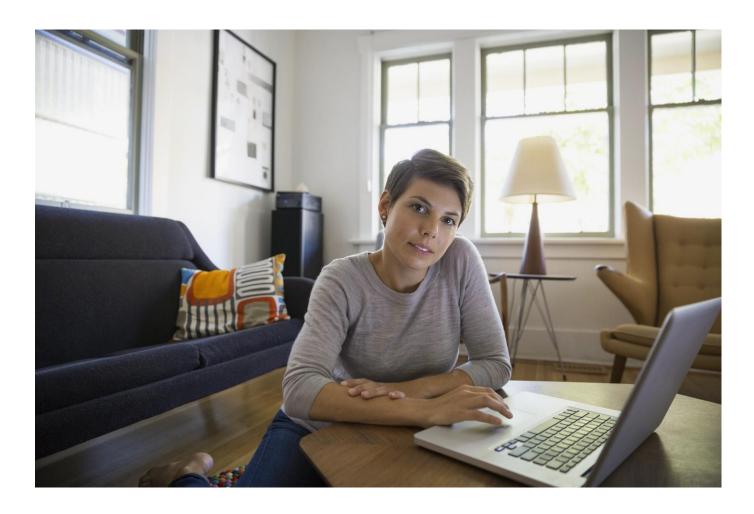
Certainty in a Connected World

The value APC by Schneider Electric delivers

As the demand for data and accessible information continues to become more critical to businesses, IT professionals are facing challenges and opportunities in their businesses and technology solutions. APC by Schneider Electric creates solutions that help IT professionals anticipate and protect their most valued assets: information and data. As the industry leader in integrated physical infrastructure and software, APC creates reliable solutions that provide **Certainty in a Connected World.**

Solutions that enable a connected world

APC's proven industry leadership and collaborative technology provides integrated solutions for the transformation of IT. These solutions enable connectivity, reliability, and accessibility through validation & certifications with the largest IT vendors and alliances.

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