



Deploy IT in non-dedicated spaces.

## APC Netshelter Soundproof Racks

When there's no space, budget, or time to build a traditional server closet, APC NetShelter™ Soundproof Racks offer a cost-effective alternative. Conveniently deploy servers and networking equipment in this elegant, quiet, all-in-one IT rack. Its sturdy, fan-cooled design makes it perfect for more dense IT gear.



Office and storefront friendly



Resilient and efficient



Simple to deploy

- Ideal for bank branches, retail spaces, offices, healthcare facilities, and classrooms
- **New!** 2x dynamic load strength, thermostat-control, cable management, and UL certification
- Engineered to be stronger and smarter without dedicated IT staff



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**Schneider**  
Electric

# APC NetShelter Soundproof Racks



## Design highlights

This server-room-in-a-box comes with everything you need to replace a basic IT closet – security, cooling, power, and cable management. Just add IT gear. With APC NetShelter Soundproof Racks, you can regain valuable space and standardize across multiple sites.

Thermostat controlled fans save on air conditioning and cool up to 3.6 kW (1.2 kW of heat rejection per fan module)

Strong design supports heavy equipment up to 1500 (kg), 3306 (lbs)

Quiet soundproof insulation reduces noise to background level.



Secure locking front, rear, and side door access.

Brush strip passthroughs and integrated cable managers keep airflow clear and allow seamless cable organization.

Basic Rack PDU powers fans and IT gear.

Gasketed bottom cable entry hides and organizes cords.

Casters and leveling feet enable quick installation and mobility.



# APC NetShelter Soundproof racks

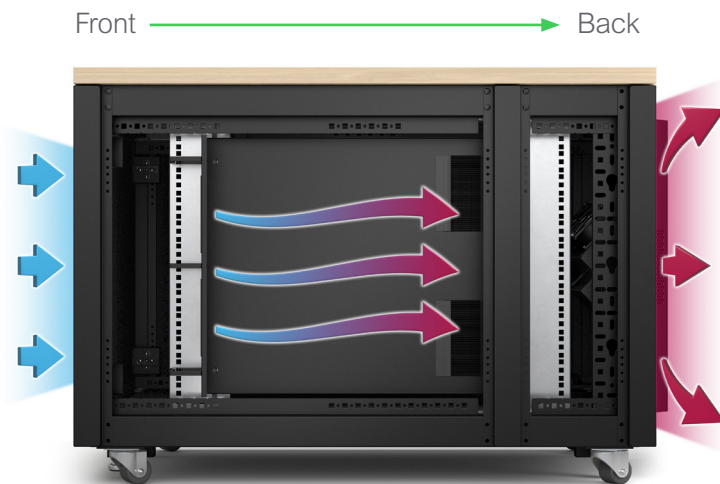
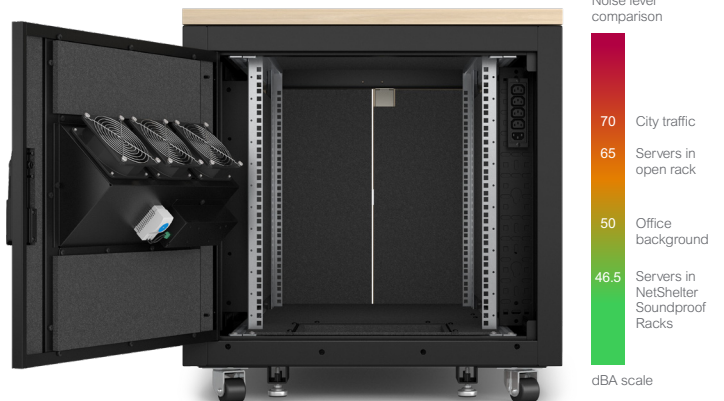
Tackle noise and overheating with innovative design.

## Avoid noise complaints

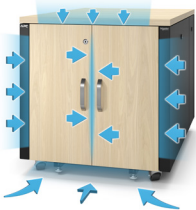
Loud servers are reduced to normal office background (18.5 dBA reduction) with soundproof cabinet lining while also keeping them cool. Simply set the rack thermostat, and “whisper quiet” cabinet fans will remove excess heat, preventing noisy server fans from turning on.

## Keep equipment cool

Fans in the cabinet rear extract hot air out of the rack and draw cool ambient air in through the front. Each fan module provides 1.2kW of efficient cooling without requiring costly dedicated air conditioning. See tips below for best performance.

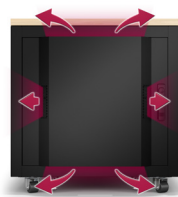


1 Ambient office air is drawn in through the edges and seams of the front door.



2 Air is pulled straight through to the inner equipment space where it cools the equipment and begins to heat up as it passes from front to back. Brush strips prevent hot air recirculation.

3 The hot air is expelled by the thermostat-controlled rear door fans.



## Tips for best performance

Each model of NetShelter Soundproof Racks is equipped with one, two, or three fan modules depending on rack size. Each module can cool 1.2 kW (see technical specs for total cooling power). These tips can help optimize cooling performance:

- Separate and spread out the heat-generating equipment, ensuring a balanced distribution of the thermal load.
- Leave 6 in or 15 cm of space on either side of the enclosure. You may push the rack back against a wall.
- Place the enclosure in an air-conditioned environment, ideally close to a room-level air intake to avoid heating up the room through recirculated hot air.
- Pairing with environmental monitoring systems, like Netbotz™ or cloud-based EcoStruxure™ IT, can enable remote monitoring and notifications that help prevent downtime.

# APC NetShelter Soundproof Racks

## Technical specifications

Engineered to be stronger and smarter with features such as:

- 2x more dynamic strength
- Fans controlled by thermostat
- Integrated cable manager
- UL certification



	12U	17U	32U	38U
<b>SKU</b> 110-120V 220-240V	<b>AR4012 A</b> (dual rated)	<b>AR4017 A</b> <b>AR4017I A</b>	<b>AR4032 A</b> <b>AR4032I A</b>	<b>AR4038L A</b> <b>AR4038LI A</b>
Enclosure Dimensions H x W x D (mm / in)	783 x 750 x 1134 31 x 30 x 45	1000 x 750 x 1134 40 x 30 x 45	1666 x 750 x 1134 66 x 30 x 45	1863 x 750 x 1134 74 x 30 x 45
Max static load (kgs / lbs)	840 (kg) / 1848 (lbs)	840 (kg) / 1848 (lbs)	1500 (kg), 3306 (lbs)	1500 (kg), 3306 (lbs)
Max dynamic load (kgs / lbs)	750 (kg), 1653 (lbs)			
Max mounting depth (mm/in)	834 (mm), 32.85 (in.)			
Mounting rails (mm/in)	482 (mm), 19 (in.)			
Available U space	12U	16U	31U	37U
Sound reduction	18.85 dB(A)(@ 1 meter)			
PDU	Power strip(4) 5-15 outlets	AP9562 (A models) EPDU1016B (IA models)		
Power input	110-240V	120V (A models) 230V (IA models)		
Fan cooling capacity	1.2 kW	1.2 kW	2.4 kW	3.6 kW
Access control	Locking front, rear and side panel			
Cable manager and brush strips	Yes			
Casters and leveling feet	Yes			
UL certified	Yes			
Warranty	2 years			

# NetShelter Soundproof Racks

Why do customers trust APC for their soundproof rack needs?

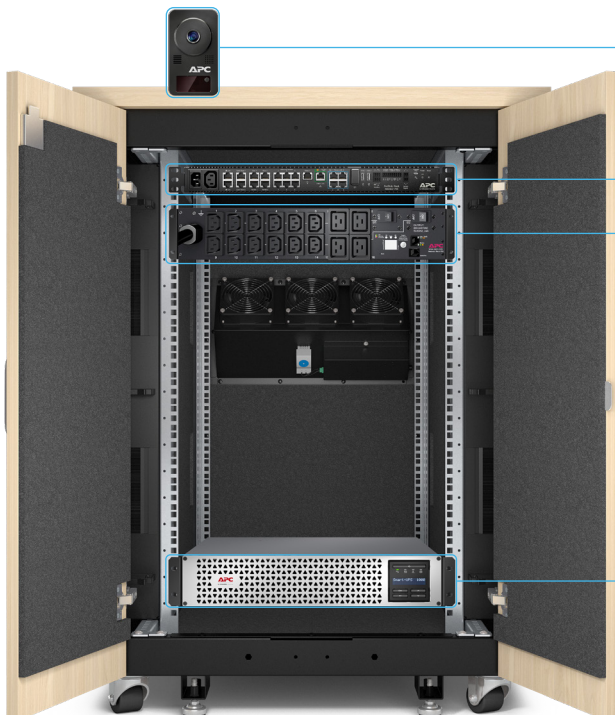


- We used to have servers housed separately in a room with separate air conditioning. This occupies costly retail space [and] energy consumption due to air conditioning. That is the reason we engaged with Schneider Electric and our service partner.
- [The] integrated rack [EcoStruxure Micro Data Center with soundproof base enclosure] is aesthetically beautiful.
- I expect at least 10-15% energy savings in the next two years.”

**Palani Kumar** - VP of Integrated Retail Service Group, Titan Company Ltd.

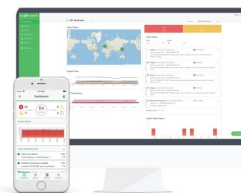
## Complete the solution

With the help of your preferred partner or Schneider Electric representative, you can design your own EcoStruxure Micro Data Center using a NetShelter Soundproof Rack. Partners can register and explore options in the Design Portal on [se.com/MySchneider](https://se.com/MySchneider).



**Netbotz components** (rack monitor, cameras and sensors) provide enhanced environmental and physical security.

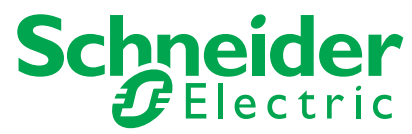
**NetShelter Intelligent Rack PDUs** securely measure and manage power.



**EcoStruxure IT** provides cloud-based monitoring and control.

**Smart-UPS** delivers high-density power protection with lithium-ion batteries.

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Learn more today!

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Schneider Electric  
One Boston Place, Suite 2700  
Boston, MA 02108

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