

# NetShelter CX Quick Reference

*A soundproofed 'Server Room in a Box' which allows for IT deployment wherever and whenever it is needed, saving space, cost and deployment time.*

## 38U Model: AR4038IA

- Physical capacity: **38 rack spaces**
- Integrated APC PDU: **12 IEC outlets**
- Max recommended thermal load: **3.6 kW**
- Noise reduction: **18.5 dB**
- Power consumption: **101 watts**
- Cable access: **Top & bottom rear (800 cables)**

## 24U Model: AR4024IA

- Physical capacity: **24 rack spaces**
- Integrated APC PDU: **13 IEC outlets**
- Max recommended thermal load: **2.4 kW**
- Noise reduction: **18.5 dB**
- Power consumption: **68 watts**
- Cable access: **Bottom rear (400 cables)**

## 18U Model: AR4018IA

- Physical capacity: **18 rack spaces**
- Integrated APC PDU: **14 IEC outlets**
- Max recommended thermal load: **1.8 kW**
- Noise reduction: **18.5 dB**
- Power consumption: **39 watts**
- Cable access: **Bottom rear (400 cables)**

## Mini Model: AR4000MV

- Physical capacity: **12 rack spaces**
- Integrated PDU: **3 IEC outlets**
- Max recommended thermal load: **0.8 kW**
- Noise reduction: **18.5 dB**
- Power consumption: **19 watts**
- Cable access: **Bottom rear (30 cables) & Top rear (for Keyboard & Monitor)**



## Standard Features

### Floor space requirements:

Enclosures are designed to be placed with their back directly against a wall. Clearance of 200mm on both sides of the cabinet is essential for normal operation.

### Ventilation system:

Each ultra-low-noise exhaust fan module has a 1.2 kW maximum recommended total thermal load (or 4,100 BTU / hr). The 38U CX has 3 of these. The 24U Cabinet has 2 and the 18U Cabinet has 1.

### Noise reduction:

18.5 dB broadband noise reduction, measured 1.0 m in front of the enclosure (*HP and Dell servers were used as noise source in noise reduction measurements*)

### Mobility:

4 x heavy duty castor-type wheels  
Front wheels have 360° rotation for manoeuvrability and rear wheels have fixed front-to-back motion for stability

### Rear and side access:

Detachable rear side panels, left and right, for equipment installation and maintenance access  
Detachable rear fan modules gives completely open rear rack access

### Cable management:

75 mm width full-height vertical 0U accessory channels located on each side at the front, middle, and rear of the rack

### Grounding:

All equipment installed within a NetShelter CX should have conventional grounding via power cables, but unlike conventional metal-case cabinets, the NetShelter CX has no requirement for additional grounding in the form of ground strapping or pipe earthing etc. The enclosure shell is constructed entirely from non-conductive materials and the rack is completely isolated from outside contact.

### Door locking:

Key operated lock

### Warranty:

2 year warranty



by Schneider Electric

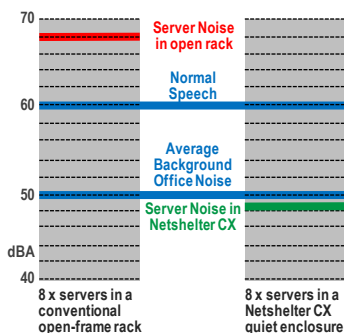
# NetShelter CX Features & Benefits

1. Soundproofed enclosure
2. Integrated ventilation fans
3. APC Power distribution included
4. Mobile, on heavy-duty castors
5. Moveable EIA spec 4 post 19-inch rack (88cm/34" max depth)
6. Fully Lockable Enclosure
7. Front & rear accessory rails, for cable management
8. Hinging & lockable side panels & rear fan-units for easy access.
9. Easy to use cable port for up to 400 cables (two ports on 38U model)

- Physical rack capacity is fully EIA compliant  
Rack depth: 88cm max. adjustable to 12cm
- Electrical systems are RoHS compliant
- Light Oak veneer finish, blends discretely into office environment
- Acoustic foam lining reduces server and hardware noise to below normal office background levels
- Rear access enables simple hardware installation
- Simple "Plug and Play" deployment
- 2 year warranty

**Note:**

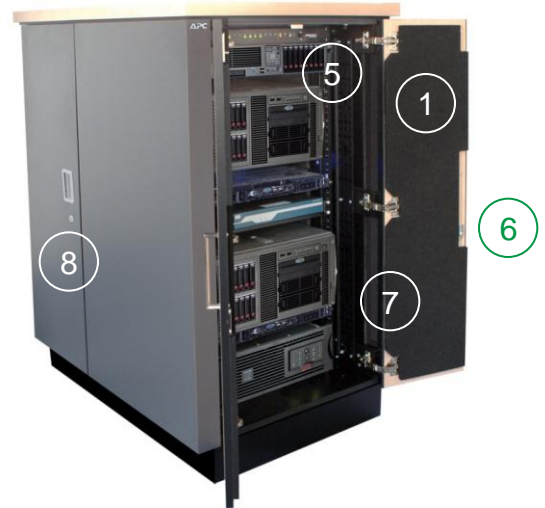
NetShelter CX Mini is designed for 1-2 tower servers along with UPS and Network devices. The specifications of the NetShelter CX Mini can be found in the dedicated NetShelter CX Mini brochure.



**Soundproofing**

The NetShelter CX achieves 18.5 decibels of noise reduction. In real terms that means quiet enough to put in the open office and even sit beside.

24U - Front View



24U - Rear View



Mini - Front View



For user guides, brochures, testimonials and other product information visit [www.apc.com/NetShelterCX](http://www.apc.com/NetShelterCX)



by Schneider Electric