NetShelter CX Enclosure

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



Model AR4038A & AR4038IA

> Physical capacity: **38 Rack spaces**
> Integrated APC PDU: **11 outlets NAM**
12 outlets EMEA
> Max thermal load recommended: **3.6kW**
> Noise reduction: **18.5dB**
> Power consumption: **101 watts**
> Net Weight: **203kg / 446 lbs**
> Equipment weight max: **780kg / 1716 lbs**
> Dimensions HxWxD: **1950x750x1130mm**
77 x 30 x 44 in



Model AR4024A & AR4024IA

> Physical capacity: **24 Rack spaces**
> Integrated APC PDU: **12 outlets NAM**
13 outlets EMEA
> Max thermal load recommended: **2.4kW**
> Noise reduction: **18.5dB**
> Power consumption: **68 watts**
> Net Weight: **155kg / 340 lbs**
> Equipment weight max: **828kg / 1822 lbs**
> Dimensions HxWxD: **1275x750x1130mm**
50.2 x 30 x 44 in



Model AR4018A & AR4018IA

> Physical capacity: **18 Rack spaces**
> Integrated APC PDU: **13 outlets NAM**
14 outlets EMEA
> Max thermal load recommended: **1.2kW**
> Noise reduction: **18.5dB**
> Power consumption: **39 watts**
> Net Weight: **131kg / 289 lbs**
> Equipment weight max: **852kg / 1873 lbs**
> Dimensions HxWxD: **1015x750x1130mm**
40.4 x 30 x 44 in

Standard Features

Floor space requirements:
Enclosures are designed to be placed with their back directly against a wall. Clearance of 200mm / 8" 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 / 39" 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:
Hinging rear side panels, left and right, for equipment installation and maintenance access
Hinging & Detachable rear fan modules gives completely open rear rack access

Cable management:
75 mm / 3" 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.

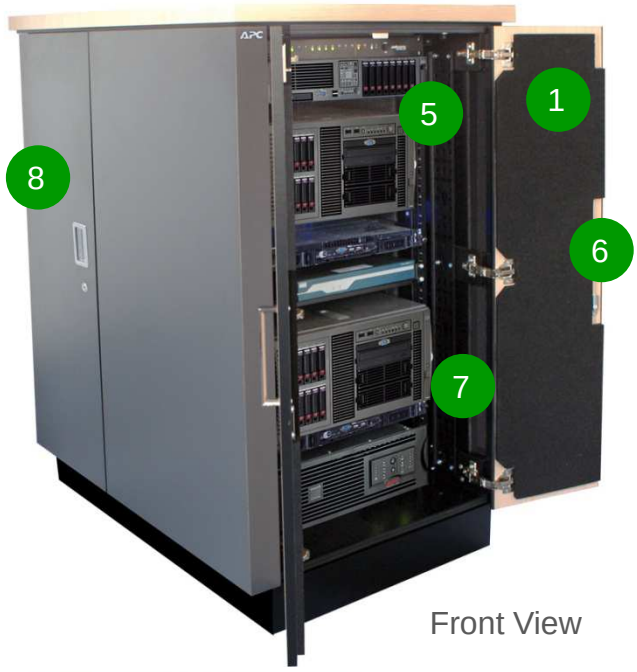
Locking:
Fully lockable enclosure.

Warranty:
2 year warranty

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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)**

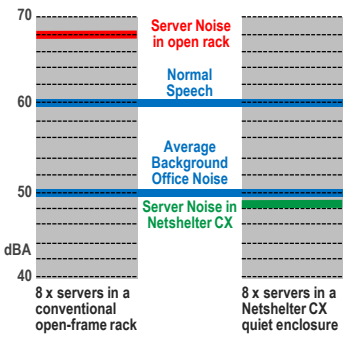


Front View



Rear View

- Physical rack capacity is fully EIA compliant
  Rack depth: 88cm/34.6” max. Adjustable to 12cm/4.7”
- Electrical systems are RoHS compliant
- Light Oak veneer finish, blends discretely into almost any office environment
- Acoustic foam lining reduces audible server and hardware noise by 18dBA to below normal office background levels
- Lockable doors, fan units & side panels (keys included)
- Rear access for simple hardware installation
- Simple “Plug and Play” deployment
- 2 year warranty



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.

For user guides, brochures, testimonials and other product information visit www.apc.com

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