TECHNICAL DATASHEET

APC · SERVER RACKS

APC NetShelter SX Gen 2 42U 750 mm × 1070 mm networking rack, with sides, black

42U networking enclosure, 750 × 1070 × 1991 mm, 1814.4 kg static load

SKU AR3140B2 | 42U | APC

HEIGHT IN U	EXTERNAL DIMENSIONS	MANUFACTURER	PRICE
42U	1991 × 750 × 1070 mm	APC by Schneider Electric	On request

REQUEST A QUOTATION ONLINE
serverinvest.com/product/apc-ar3140b2

01 Product overview

The APC AR3140B2 belongs to the second generation of Schneider Electric's NetShelter SX family, the company's premium 19-inch enclosure line for data centres, server rooms and edge sites. The 750 mm width leaves generous room beside the 19-inch mounting rails for vertical cable management and patching, which makes this 42U model a natural home for core switches, patch panels and high-density copper or fibre cabling. External dimensions are 1991 mm (H) × 750 mm (W) × 1070 mm (D).

The welded steel frame is rated for 1814.4 kg static and 1020.6 kg dynamic (rolling) load, and the 19-inch EIA mounting rails adjust in 6 mm increments, accepting equipment from 299.4 mm to 819 mm deep. 2 full-height 0U accessory channels at the rear take vertical rack PDUs and cable managers without consuming rack units. The roof offers five large cable entry points (three front, two rear) and can be removed without tools.

The curved, reversible front door and the flat rear doors are 80% perforated for front-to-back airflow and swing up to 270° (180° when bayed). Split, lockable side panels and 3-point key locking secure the installation, and doors and side panels are keyed alike. Casters and levelling feet are factory-fitted, and baying hardware is included for building rows.

NetShelter SX Gen 2 enclosures are UL listed, RoHS and REACH compliant, and backed by a 5-year Schneider Electric warranty.

KEY SPECIFICATIONS

Manufacturer	**APC by Schneider Electric**
Model	**AR3140B2**
Series	**NetShelter SX Gen 2**
Height in U	**42U**
External dimensions (H × W × D)	**1991 × 750 × 1070 mm**
Usable equipment depth	**299.4–819 mm**
Unit weight	**155.9 kg**
Mounting rails	**19" EIA-310 mounting rails**
Rail depth adjustment	**6 mm (0.25 in) increments**
0U accessory mounting	**2 full-height rear 0U accessory channels**
Static load rating	**1814.4 kg**
Dynamic load rating	**1020.6 kg**

HIGHLIGHTS

- 42U EIA-310 19" space, 750 × 1070 mm footprint, 1991 mm tall
- 1814.4 kg static / 1020.6 kg dynamic load rating
- Rails adjust in 6 mm steps, equipment depth 299.4–819 mm
- 80% perforated curved front door and rear doors, 3-point locking
- 2 full-height rear 0U accessory channels, toolless roof with 5 cable entries
- 5-year warranty, UL / RoHS / REACH

02 Full specifications

GENERAL	
Manufacturer	APC by Schneider Electric
Model	AR3140B2
Series	NetShelter SX Gen 2

DIMENSIONS	
Height in U	42U
External dimensions (H × W × D)	1991 × 750 × 1070 mm
Usable equipment depth	299.4–819 mm
Unit weight	155.9 kg

MOUNTING

Mounting rails	19" EIA-310 mounting rails
Rail depth adjustment	6 mm (0.25 in) increments
0U accessory mounting	2 full-height rear 0U accessory channels

LOAD

Static load rating	1814.4 kg
Dynamic load rating	1020.6 kg

DOORS & PANELS

Front door	Single curved perforated door, reversible, 270° swing (180° bayed)
Rear door	Perforated, flat, 270° swing
Door perforation	80%
Lock	3-point locking, key-locking handles
Side panels	Split, lockable

CONSTRUCTION

Cable entry	Toolless roof with 5 large cable entry points (3 front, 2 rear); bottom plate optional
Baying	Baying kit included
Casters / feet	Casters and levelling feet included
Colour	Black
Material	Steel; 14 gauge EIA mounting rail, 16 gauge front door, 16 gauge post, 18 gauge rear door, 18 gauge roof, 18 gauge side panels

COMPLIANCE

Certifications	UL, ISTA, RoHS, REACH
Standards	UL 2416

PACKAGE

Package contents	Baying hardware

WARRANTY

Warranty	60 months (5 years)

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office@serverinvest.com