TECHNICAL DATASHEET

APC · SERVER RACKS

APC NetShelter SX Gen 2 48U 750 mm × 1070 mm server rack, without sides, black

48U server enclosure, 750 × 1070 × 2258 mm, 1814.4 kg static load

SKU AR3157B2X609 | 48U | APC

HEIGHT IN U	EXTERNAL DIMENSIONS	MANUFACTURER	PRICE
48U	2258 × 750 × 1070 mm	APC by Schneider Electric	On request

REQUEST A QUOTATION ONLINE

serverinvest.com/product/apc-ar3157b2x609

01 Product overview

The APC AR3157B2X609 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. It provides 48U of EIA-310 mounting space in a 750 mm wide, 1070 mm deep frame that stands 2258 mm tall, a classic depth that suits mainstream 1U/2U servers, storage and network gear. The extra width provides space for side-mounted cable management and better airflow separation.

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 286 mm to 914.9 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.

Supplied without side panels, this variant is intended for bayed rows where neighbouring racks share walls; it keeps the 80% perforated curved front door and the perforated rear doors with 3-point locking. Baying hardware is included.

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	**AR3157B2X609**
Series	**NetShelter SX Gen 2**
Height in U	**48U**
External dimensions (H × W × D)	**2258 × 750 × 1070 mm**
Usable equipment depth	**286–914.9 mm**
Unit weight	**135.1 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

- 48U EIA-310 19" space, 750 × 1070 mm footprint, 2258 mm tall
- 1814.4 kg static / 1020.6 kg dynamic load rating
- Rails adjust in 6 mm steps, equipment depth 286–914.9 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	AR3157B2X609
Series	NetShelter SX Gen 2

DIMENSIONS	
Height in U	48U
External dimensions (H × W × D)	2258 × 750 × 1070 mm
Usable equipment depth	286–914.9 mm
Unit weight	135.1 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	Not included

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

COMPLIANCE

Certifications	UL, ISTA, RoHS, REACH
Standards	UL 2416

PACKAGE

Package contents	Baying hardware

WARRANTY

Warranty	60 months (5 years)

03 Engineered, delivered & supported by ServerInvest

Engineering & sizing
Selected and sized against your real IT load, room and redundancy targets.

Installation
Delivery, installation and commissioning by our engineers across Europe.

Certified processes
ISO 9001, ISO 14001 and ISO 27001 certified project delivery.

Service & support
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