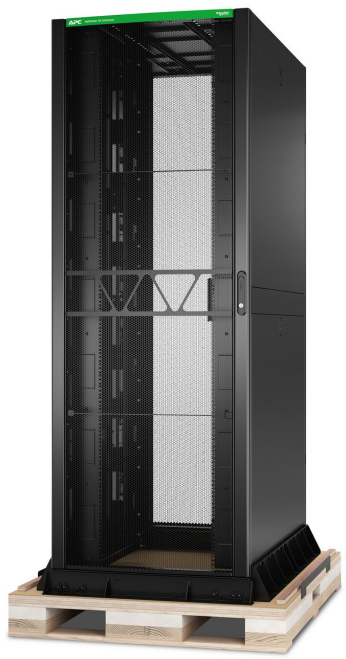
TECHNICAL DATASHEET

APC · SERVER RACKS

APC NetShelter SX Advanced 48U 800 mm × 1295 mm high-strength server rack, with shock packaging, black

48U high-strength AI/HPC enclosure, 800 × 1295 × 2256 mm, 1927.8 kg static, shock-packaged

SKU AR9587SPB2 | 48U | APC



HEIGHT IN U	EXTERNAL DIMENSIONS	MANUFACTURER	PRICE
48U	2256 × 800 × 1295 mm	APC by Schneider Electric	On request

REQUEST A QUOTATION ONLINE
serverinvest.com/product/apc-ar9587spb2

01 Product overview

The APC AR9587SPB2 is a NetShelter SX Advanced enclosure - Schneider Electric's taller, deeper and stronger rack platform aimed at AI, HPC and other high-density deployments. It offers 48U of 19-inch space in a 800 mm wide, 1295 mm deep frame standing 2256 mm tall, leaving room for very deep servers, power distribution, liquid-cooling manifolds and heavy cabling.

Vertical and horizontal steel bracing give a rating of 1927.8 kg static and 1587.6 kg dynamic load. The 12-gauge EIA rails adjust in 12.7 mm steps for equipment from 292 mm to 1143 mm deep, and four full-height 0U accessory channels at the rear take rack PDUs and cable managers.

This SP model ships in ISTA-tested shock packaging so the rack can be integrated off-site, loaded with IT equipment and then transported to its final location (shipping load up to 1600 kg according to APC), with a reusable ramp for pallet removal. 80% perforated front (curved) and rear doors swing 130°, split lockable side panels and 3-point key locking secure the rack, and the roof provides four extra-large cable entry points.

Casters, levelling feet and baying hardware are included; the enclosure is UL listed, RoHS/REACH compliant and carries a 5-year warranty.

KEY SPECIFICATIONS

Manufacturer	**APC by Schneider Electric**
Model	**AR9587SPB2**
Series	**NetShelter SX Advanced**
Height in U	**48U**
External dimensions (H × W × D)	**2256 × 800 × 1295 mm**
Usable equipment depth	**292–1143 mm**
Unit weight	**298 kg**
Mounting rails	**19" EIA-310 mounting rails**
Rail depth adjustment	**12.7 mm (0.5 in) increments**
0U accessory mounting	**4 full-height rear 0U accessory channels**
Static load rating	**1927.8 kg**
Dynamic load rating	**1587.6 kg**

HIGHLIGHTS

- 48U, 800 × 1295 mm footprint, 2256 mm tall - room for deep AI/HPC servers
- 1927.8 kg static / 1587.6 kg dynamic load
- Equipment depth 292–1143 mm, four 0U accessory channels
- ISTA shock packaging for rack-and-ship deployment
- 80% perforated doors, split lockable side panels, 3-point locking
- 5-year warranty

02 Full specifications

GENERAL

Manufacturer	APC by Schneider Electric
Model	AR9587SPB2
Series	NetShelter SX Advanced

DIMENSIONS

Height in U	48U
External dimensions (H × W × D)	2256 × 800 × 1295 mm
Usable equipment depth	292–1143 mm
Unit weight	298 kg

MOUNTING

Mounting rails	19" EIA-310 mounting rails

Rail depth adjustment	12.7 mm (0.5 in) increments
0U accessory mounting	4 full-height rear 0U accessory channels

LOAD

Static load rating	1927.8 kg
Dynamic load rating	1587.6 kg
Shipping load (shock packaging)	1600 kg

DOORS & PANELS

Front door	Curved, perforated, reversible, 130° swing
Rear door	Perforated, flat, 130° swing
Door perforation	80%
Side panels	Split, lockable
Lock	3-point locking, key-locking handles

CONSTRUCTION

Cable entry	Roof with 4 extra-large cable entry points; bottom plate optional
Baying	Baying kit included
Casters / feet	Casters and levelling feet included
Colour	Black
Material	Steel; 12 gauge EIA mounting rail, 16 gauge front door, 16 gauge post, 18 gauge rear door, 18 gauge roof, 18 gauge side panels

PACKAGE

Packaging	ISTA shock packaging with reusable ramp
Package contents	Baying hardware, Key(s), Leveling feet, Mounting hardware, Pre-installed casters, Side panels

COMPLIANCE

Certifications	UL, ISTA, RoHS, REACH
Standards	EIA-310E

WARRANTY

Warranty	60 months (5 years)

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