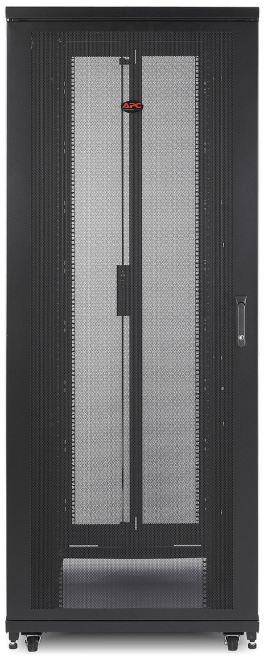
TECHNICAL DATASHEET

APC · SERVER RACKS

APC NetShelter SV 42U 800 mm × 1200 mm server rack enclosure, with sides, black

42U essential server enclosure, 800 × 1200 × 2057 mm, 1000.2 kg static load

SKU AR2580 | 42U | APC



HEIGHT IN U	EXTERNAL DIMENSIONS	MANUFACTURER	PRICE
42U	2057 × 800 × 1200 mm	APC by Schneider Electric	On request

REQUEST A QUOTATION ONLINE
serverinvest.com/product/apc-ar2580

01 Product overview

The APC AR2580 is a NetShelter SV enclosure, Schneider Electric's essential-class rack for low- and medium-density server and networking applications. It provides 42U of 19-inch EIA-310 space in a 800 mm wide, 1200 mm deep cabinet with an external height of 2057 mm. The 800 mm width adds room for cable management and supports vertical 1U patching between the rails.

The frame is rated for 1000.2 kg static and 459.9 kg dynamic load. Vertical mounting rails can be set at fixed adjustment points for equipment from 167.6 mm up to 916.9 mm deep, and four rear accessory brackets accept rack PDUs and cable organisers. Cable access is provided through both the roof and the rack bottom.

A perforated front door and perforated split rear doors deliver front-to-back ventilation and need little clearance behind the rack. The front door can be moved to the other side or swapped with the rear doors, and doors lift off on spring-loaded hinge pins. Lockable full-height side panels and doors are keyed alike. Casters, levelling feet and four bolt-down brackets are included.

NetShelter SV racks comply with EIA-310-E and are listed to UL 2416; the AR2580 is covered by a 5-year warranty.

KEY SPECIFICATIONS

Manufacturer	**APC by Schneider Electric**
Model	**AR2580**
Series	**NetShelter SV**
Height in U	**42U**
External dimensions (H × W × D)	**2057 × 800 × 1200 mm**
Usable equipment depth	**167.6–916.9 mm**
Unit weight	**139.5 kg**
Mounting rails	**19" EIA-310 mounting rails**
Rail depth adjustment	**Fixed adjustment points**
0U accessory mounting	**4 rear accessory brackets**
Static load rating	**1000.2 kg**
Dynamic load rating	**459.9 kg**

HIGHLIGHTS

- 42U EIA-310 19" space, 800 × 1200 mm footprint, 2057 mm tall
- 1000.2 kg static / 459.9 kg dynamic load
- Equipment depth 167.6–916.9 mm, 4 rear accessory brackets
- Perforated front door and split rear doors, lockable side panels
- Casters, levelling feet and bolt-down brackets included
- 5-year warranty

02 Full specifications

GENERAL	
Manufacturer	APC by Schneider Electric
Model	AR2580
Series	NetShelter SV

DIMENSIONS	
Height in U	42U
External dimensions (H × W × D)	2057 × 800 × 1200 mm
Usable equipment depth	167.6–916.9 mm
Unit weight	139.5 kg

MOUNTING	
Mounting rails	19" EIA-310 mounting rails
Rail depth adjustment	Fixed adjustment points

0U accessory mounting	4 rear accessory brackets

LOAD

Static load rating	1000.2 kg
Dynamic load rating	459.9 kg

DOORS & PANELS

Front door	Perforated, reversible/interchangeable
Rear door	Perforated split doors
Side panels	Single full-height, lockable

CONSTRUCTION

Cable entry	Roof and rack bottom
Baying	Baying hardware included
Casters / feet	Pre-installed casters, levelling feet, 4 bolt-down brackets
Colour	Black
Material	Steel; 14 gauge EIA mounting rail, 16 gauge front door, 18 gauge post, 16 gauge rear door, 19 gauge roof, 18 gauge side panels

COMPLIANCE

Standards	UL 2416, UL 60950-1, EIA-310E

PACKAGE

Package contents	Baying hardware, Doors, Key(s), Keyed-alike doors and side panels, Leveling feet, Mounting Hardware, Pre-installed casters, 4 x Bolt down brackets, Roof, Side Panels

WARRANTY

Warranty	60 months (5 years)

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