NetShelter SX Enclosures Selection
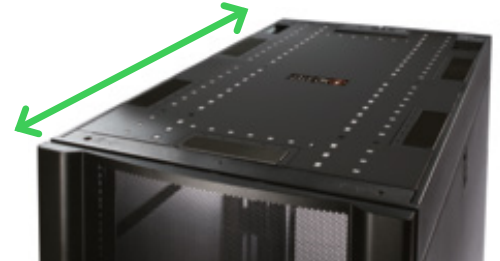
Applications for height

- 12, 18, and 24U enclosures — Remote offices and small spaces.

- 42U enclosures — Standard height used globally, designed to fit through standard doorways.

- 45U enclosures — Enclosures with additional U-spaces for environments that standardize on a 45U, 7 ft. (213 cm) enclosure height.

- 48, and 52U enclosures — More U-spaces for more equipment in the same footprint.

Applications for width

- 24 in. (600 mm) wide enclosures are the standard for most server applications. For higher densities, a deeper enclosure may be required.

- 30 in. (750 mm) wide enclosures offer more space for high-capacity cable management and power distribution. Typically, wider enclosures are used for networking applications but the extra side space is often requested in blade server applications.

Applications for depth

- 32.5 in. (825 mm) is the preferred depth for AV equipment. 42 in. (1070 mm) is the standard depth and meets most low- to medium-density applications.

- 48 in. (1200 mm) deep enclosures are becoming the new standard because of increasing server depth crowding cable and power space.

NetShelter SKU	Height	Width	Depth	Application
AR3003 ④	12U	600 mm (24 in.)	889 mm (35 in.)	Remote server applications
AR3006 ④	18U	600 mm (24 in.)	889 mm (35 in.)	Remote server applications
AR3103 ④	12U	600 mm (24 in.)	1070 mm (42 in.)	Remote server applications
AR3106 ④	18U	600 mm (24 in.)	1070 mm (42 in.)	Remote server applications
AR3104	24U	600 mm (24 in.)	1070 mm (42 in.)	Remote server applications
AR3100 ①②③④	42U	600 mm (24 in.)	1070 mm (42 in.)	Low/medium-density servers
AR3105 ②③④	45U	600 mm (24 in.)	1070 mm (42 in.)	Low/medium-density servers
AR3107 ①②④	48U	600 mm (24 in.)	1070 mm (42 in.)	Low/medium-density servers
AR3150 ①③④	42U	750 mm (30 in.)	1070 mm (42 in.)	Networking and blade applications
AR3155 ③④	45U	750 mm (30 in.)	1070 mm (42 in.)	Networking and blade applications
AR3157 ①④	48U	750 mm (30 in.)	1070 mm (42 in.)	Networking and blade applications
AR3300 ①③④	42U	600 mm (24 in.)	1200 mm (48 in.)	Medium/high-density servers
AR9300SP / AR9300SP-R ④	42U	600 mm (24 in.)	1200 mm (48 in.)	Heavy IT applications
AR3305 ③④	45U	600 mm (24 in.)	1200 mm (48 in.)	Medium/high-density servers
AR3307 ①③④	48U	600 mm (24 in.)	1200 mm (48 in.)	Medium/high-density servers
AR3350 ①③④	42U	750 mm (30 in.)	1200 mm (48 in.)	HD networking and blade applications
AR9307SP / AR9307SP-R ①	42U	600 mm (24 in.)	1200 mm (48 in.)	Heavy IT applications
AR3355 ③④	45U	750 mm (30 in.)	1200 mm (48 in.)	HD networking and blade applications
AR3357 ①④	48U	750 mm (30 in.)	1200 mm (48 in.)	Networking and blade applications
AR3307X674	52U	600 mm (24 in.)	1200 mm (48 in.)	HD networking and blade applications
AR3357X674	52U	750 mm (30 in.)	1200 mm (48 in.)	HD networking and blade applications
AR3140 ③	42U	750 mm (30 in.)	1070 mm (42 in.)	High-density networking
AR3340 ③	42U	750 mm (30 in.)	1200 mm (48 in.)	Very high-density networking
AR3347	48U	750 mm (30 in.)	1200 mm (48 in.)	Very high-density networking
AR3200	42U	600 mm (24 in.)	1070 mm (42 in.)	2 x 20U compartments for colocation
AR3810	42U	600 mm (24 in.)	825 mm (32.5 in.)	Audiovisual applications
AR3812	42U	600 mm (24 in.)	825 mm (32.5 in.)	Audiovisual applications
AR3814	24U	600 mm (24 in.)	825 mm (32.5 in.)	Audiovisual applications

① The following can be preconfigured without standard doors and side panels. Reference part numbers AR3 _ _ _ X609 for no sides, AR3 _ _ _ X610 for no doors, and AR3 _ _ _ X617 for no sides/no doors. More configurations are available; contact your local APC sales representative for more information.

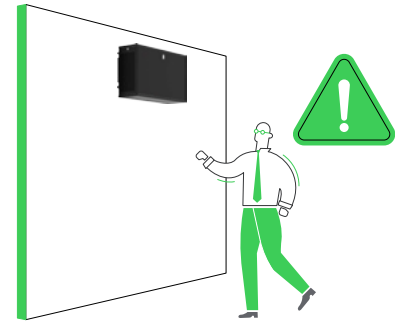② TAA compliant enclosure available.

③ White enclosure available.

④ Shock packaging available for shipping enclosures with equipment installed. Check apc.com for allowable equipment weight amounts.

NetShelter Wall-mount Enclosures

The NetShelter WX wall-mount server rack and network rack solutions provide the functionality required in edge computing applications to be deployed in remote locations with confidence and peace of mind.

NetShelter 6U Low-Profile Wall-mount Enclosures and Micro Data Centers

APC Wall Mount Micro Data Center is an innovative new way to deploy server and networking equipment at the Edge. The unique low-profile design enables large depth devices to be wall mounted in a compact, and less intrusive form factor than traditional wall mount cabinets.

Available as a complete Micro Data Center with integrated power.

Discover more >

Enclosure features

- Compact, low-profile design
- Supports latest generation edge server and networking equipment up to 30 in. (762 mm)
- High weight load capacity – up to 250 lb. (113 kg)
- Integrated fans/dust filter
- Wall-mount or floor casters (optional)

Micro Data Center design highlights

1. NetBotz HD Security Camera (optional)
2. Universal Accessory Bracket (for non rack-mounted equipment)
3. NetBotz Intrusion Detection (optional) — on front, rear and side panel
4. 1U or 2U UPS (1kVA Lithium pictured)
5. NetBotz Temperature/Humidity Sensor (optional)
6. 2.75 in./1 in. (70mm/28mm) Cable Entry Knockouts (2) Brush Strip Panels (top and bottom)
7. Easy, detachable mount wall bracket
8. Integrated fan ventilation

NetShelter SKU	Height	U space orientation	Width	Depth	Max rail depth	Static weight capacity	Packaged
AR100	13U	Horizontal	600mm (23.6 in.)	631mm (24.8 in.)	394mm (15.5 in.)	91kg (200 lb.)	Assembled
AR100HD	13U	Horizontal	600mm (23.6 in.)	631mm (24.8 in.)	394mm (15.5 in.)	91kg (200 lb.)	Assembled
AR106	6U	Horizontal	600mm (23.6 in.)	400mm (15.7 in.)	341mm (13.4 in.)	91kg (200 lb.)	Unassembled
AR106SH4	6U	Horizontal	600mm (23.6 in.)	400mm (15.7 in.)	329mm (12.9 in.)	91kg (200 lb.)	Assembled
AR106SH6	6U	Horizontal	600mm (23.6 in.)	600mm (23.6 in.)	499mm (19.6 in.)	91kg (200 lb.)	Assembled
AR106V	6U	Vertical low profile	965mm (38 in.)	331mm (13 in.)	762mm (30 in.)	113kg (250 lb.)	Assembled
AR106VI	6U	Vertical low profile	965mm (38 in.)	331mm (13 in.)	762mm (30 in.)	113kg (250 lb.)	Assembled
AR109	9U	Horizontal	600mm (23.6 in.)	400mm (15.7 in.)	341mm (13.4 in.)	91kg (200 lb.)	Unassembled
AR109SH4	9U	Horizontal	600mm (23.6 in.)	400mm (15.7 in.)	329mm (12.9 in.)	91kg (200 lb.)	Assembled
AR109SH6	9U	Horizontal	600mm (23.6 in.)	600mm (23.6 in.)	499mm (19.6 in.)	91kg (200 lb.)	Assembled
AR112	12U	Horizontal	600mm (23.6 in.)	600mm (23.6 in.)	541mm (21.3 in.)	91kg (200 lb.)	Unassembled
AR112SH4	12U	Horizontal	600mm (23.6 in.)	400mm (15.7 in.)	329mm (12.9 in.)	91kg (200 lb.)	Assembled
AR112SH6	12U	Horizontal	600mm (23.6 in.)	600mm (23.6 in.)	499mm (19.6 in.)	91kg (200 lb.)	Assembled

NetShelter Enclosures with Shock Packaging & Shock Pallet

NetShelter SKU	U-space	Height	Width	Depth	Max mounting depth	Shipping load capacity	Packaged
NetShelter SX							
AR3003SP	12U	658mm (25.9 in.)	600mm (24 in.)	900mm (35.4 in.)	756mm (29.8 in.)	272kg (600 lb.)	Shock pallet, packaging, one-time use ramp
AR3006SP	18U	925mm (36.4 in.)	600mm (24 in.)	900mm (35.4 in.)	756mm (29.8 in.)	408kg (900 lb.)	Shock pallet, packaging, one-time use ramp
AR3103SP	12U	658mm (25.9 in.)	600mm (24 in.)	1070mm (42 in.)	921mm (36.3 in.)	272kg (600 lb.)	Shock pallet, packaging, one-time use ramp
AR3106SP	18U	925mm (36.4 in.)	600mm (24 in.)	1070mm (42 in.)	921mm (36.3 in.)	408kg (900 lb.)	Shock pallet, packaging, one-time use ramp
AR3104SP1	24U	1200mm (47 in.)	600mm (24 in.)	1070mm (42 in.)	915mm (36 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3100SP	42U	1991mm (78.4 in.)	600mm (24 in.)	1070mm (42 in.)	915mm (36 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3105SP	45U	2124mm (83 in.)	600mm (24 in.)	1070mm (42 in.)	915mm (36 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3107SP	48U	2258mm (88.9 in.)	600mm (24 in.)	1070mm (42 in.)	915mm (36 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3150SP	42U	1991mm (78.4 in.)	750mm (30 in.)	1070mm (42 in.)	915mm (36 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3155SP	45U	2124mm (83 in.)	750mm (30 in.)	1070mm (42 in.)	915mm (36 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3157SP	48U	2258mm (88.9 in.)	750mm (30 in.)	1070mm (42 in.)	915mm (36 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3300SP	42U	1991mm (78.4 in.)	600mm (24 in.)	1200mm (48 in.)	1048mm (41.3 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR9300SP*	42U	1991mm (78.4 in.)	600mm (24 in.)	1200mm (48 in.)	1048mm (41.3 in.)	1587kg (3500 lb.)	Shock pallet & packaging
AR9300SP-R*	42U	1991mm (78.4 in.)	600mm (24 in.)	1200mm (48 in.)	1048mm (41.3 in.)	1587kg (3500 lb.)	Shock pallet, packaging, and reusable ramp
AR3305SP	45U	2124mm (83 in.)	600mm (24 in.)	1200mm (48 in.)	1048mm (41.3 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3307SP	48U	2258mm (88.9 in.)	600mm (24 in.)	1200mm (48 in.)	1048mm (41.3 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR9307SP*	48U	2258mm (88.9 in.)	600mm (24 in.)	1200mm (48 in.)	1048mm (41.3 in.)	1587kg (3500 lb.)	Shock pallet & packaging
AR9307SP-R*	48U	2258mm (88.9 in.)	600mm (24 in.)	1200mm (48 in.)	1048mm (41.3 in.)	1587kg (3500 lb.)	Shock pallet, packaging, and reusable ramp
AR3350SP	42U	1991mm (78.4 in.)	750mm (30 in.)	1200mm (48 in.)	1048mm (41.3 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3355SP	45U	2124mm (83 in.)	750mm (30 in.)	1200mm (48 in.)	1048mm (41.3 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
AR3357SP	48U	2258mm (88.9 in.)	750mm (30 in.)	1200mm (48 in.)	1048mm (41.3 in.)	907kg (2000 lb.)	Shock pallet, packaging, one-time use ramp
NetShelter CX							
AR4018SP	18U	1015mm (39) in.	750mm (30 in.)	1130mm (44 in.)	880mm (34.6 in.)	317kg (700 lb.)	Shock pallet & packaging
AR4024SP	24U	1285mm (50 in.)	750mm (30 in.)	1130mm (44 in.)	880mm (34.6 in.)	363kg (800 lb.)	Shock pallet & packaging
NetShelter Wall-mount							
AR106V	6U	648mm (25.5 in.)	965mm (38 in.)	331mm (13 in.)	762mm (30 in.)	113kg (250 lb.)	Shock packaging
AR106VI	6U	648mm (25.5 in.)	965mm (38 in.)	331mm (13 in.)	762mm (30 in.)	113kg (250 lb.)	Shock packaging

*For availability check apc.com or request further details from your APC sales representative.