

ServerSmart Cab

The Gold Standard for Universal Server Cabinets

The Cannon ServerSmart Cab provides the perfect environment for universal housing of 19-inch servers.

Its elegant appearance coupled with high-tech features and unparalleled cooling capabilities make it the ideal solution for leading edge infrastructure.

Benefits & Features

- Will accommodate all 19-inch rack mountable servers
- International mounting posts enable rapid and simple server installation, with mixed server depth solutions
- Exceptional cooling for high power densities
- Cooling upgrades (see 'CannonGuard' and 'CoolCab' sections)
- Extensive cable entry through multiple cable glands in roof
- Exceptional base access
- Quick change fan tray option (combines with all cable entry features)
- Optional; overhead, cabinet mounted Cable Raceway simplifies cable infrastructure (no more ceiling hung cable tray)
- Optional; RAft frame, replaces floor tile, providing maximum cable entry, speeds and simplifies installation (no more tile cutting) RAft provides simple stabilisation of cabinet
- A robust rack for high loads
- Easy access with 180°/270° opening doors and wardrobe door options for narrow aisles
- High security
- CannonGuard electronic upgrades available

Standard Specification

- Six heights: 25U, 33U, 42U, 45U, 47U, 52U
- Two widths: 600mm or 800mm
- Four depths: 900mm, 1000mm, 1200mm
- Four infinitely adjustable 19-inch mounting posts allowing universal server mounting - double fixings throughout and double height depth members provide a robust structure (Split height mounting post options for variable server depths for the rare instances where server mounting slides have no or insufficient depth adjustment - see page 6.10)
- Two drop-in ribbed and lockable side panels
- MaxiVent Plus curved perforated doors front and rear, supplied with swing-handle key locks. Single key operates side panel and door locks. - for more details see page 4.1 (non-locking versions available)
- All doors open 180° when bayed and 270° at end of bay or when stand-alone
- Quick-Release hinges on all doors
- Multiple moulded finger cable entry glands in roof
- Maximum cable access through base
- Four transit castors fitted
- QuickChange fan tray compatible



Available
assembled
or flat pack

Air flow control

Blank inserts are available to replace cable glands in the roof, to ensure airflow passes front to back through cabinet in critical situations.

Finish

Standard: Powder painted Velvet Black to RAL 9005
Other colours including grey available.

Technical information

- Manufactured (where applicable) to BS.EN60950 2002, IEC 60297, EIA-310-D, UL94V0
- Load rating: 1000kg static (sited directly on floor)

Size conversions: 1U = 44.45mm = 1 3/4" 600mm = 24" 700mm = 28" 800mm = 32" 1kg = 2.2lbs

ServerSmart Cab

The Gold Standard for Universal Server Cabinets

Options/upgrades - see Accessories section

- Vented frame glass or vented frame steel doors - see page 4.1
- Vertically split wardrobe doors - see page 4.2
- Split height mounting post options for variable server depths see page 6.10
- QuickChange zero-U, roof mounted fan unit: 2, 4 or 6 fans - see page 5.4
- Power Distribution Units - see page 7.1
- Zero 'U' Power Distribution options - see page 8.11
- Resilient dual source transfer switches - see page 7.5
- Earthing bar options available including full height versions see page 7.6/7.7
- Base blanking plate options available (steel, brush strip or diaphragm)
- Side panel internal security bars see page 4.6
- Non-vented roof available
- 19-inch blank panels - see page 6.9
- RAfT and Raceway compatible - see Section 3
- Air filter options (on request)
- CannonGuard upgrades available: remote system management/remote access control/high capacity cooling and remote environmental control/remote power management/local condition monitoring see Section 8
- Vertical patching column (zero 'U') simplifies and reduces cabling, avoids air-flow obstruction, maximises equipment density and speeds installation see page 6.13
- Lifting eyes (roof mounted) see page 6.12
- Smart Trim for doors and side panel available in a variety of colours see page 4.3
- Locking options available

Order codes - ServerSmart Cab Assembled					
600mm wide x 900mm deep			800mm wide x 900mm deep		
Height	Weight (approx.)	Order code	Height	Weight (approx.)	Order code
25U	85kg	SERV256090	25U	96kg	SERV258090
33U	90kg	SERV336090	33U	101kg	SERV338090
42U	101kg	SERV426090	42U	119kg	SERV428090
45U	110kg	SERV456090	45U	125kg	SERV458090
47U	119kg	SERV476090	47U	131kg	SERV478090
52U	137kg	SERV526090	52U	149kg	SERV528090
600mm wide x 1000mm deep			800mm wide x 1000mm deep		
Height	Weight (approx.)	Order code	Height	Weight (approx.)	Order code
25U	90kg	SERV256099	25U	102kg	SERV258099
33U	100kg	SERV336099	33U	112kg	SERV338099
42U	110kg	SERV426099	42U	122kg	SERV428099
45U	120kg	SERV456099	45U	132kg	SERV458099
47U	130kg	SERV476099	47U	142kg	SERV478099
52U	140kg	SERV526099	52U	152kg	SERV528099
600mm wide x 1200mm deep			800mm wide x 1200mm deep		
Height	Weight (approx.)	Order code	Height	Weight (approx.)	Order code
25U	100kg	SERV256012	25U	112kg	SERV258012
33U	110kg	SERV336012	33U	122kg	SERV338012
42U	120kg	SERV426012	42U	132kg	SERV428012
45U	130kg	SERV456012	45U	142kg	SERV458012
47U	140kg	SERV476012	47U	152kg	SERV478012
52U	150kg	SERV526012	52U	162kg	SERV528012



Images show QuickChange fan unit fitted (ServerSmart Cab/SmartCab versions only).

Please note that ServerSmart Cab/SmartCab roof section is plain as standard. MaxiVent perforated roof section is supplied when roof mounted fan units are fitted.

**For FLAT PACK versions please add the suffix of 'FLATPACK' to the order code.
e.g. ServerSmart Cab 42U 800 x 1000 = SERV428099FLATPACK**

Size conversions: 1U = 44.45mm = 1 3/4" 600mm = 24" 700mm = 28" 800mm = 32" 1kg = 2.2lbs