

# IMRAK® Server Max

The 19" standalone cabinet server version



- Cabinet frame formed by 4 verticals and 2 welded end frames (top/bottom);
- Static load rate of 1000 Kg uniformly distributed;
- Adjustable 19" panel mounting angles at the front, adjustable and split at the rear, compliant to IEC60297 norms;
- Front and rear 19" side reducing cable channel (800 mm cabinet width) for vertical cable management designed to support cable management accessories;
- Fully vented top cover with cable entry areas at the rear position;
- Reversible front vented door (63%) or glass vented, swing handle with key lock. Rear vented double door, swing handle with key lock and three points locking system;
- Easily removable side panels with optional security locks;
- Open bottom to allow an easy entry of the cables or allowing to mount gland plates;
- Adjustable feet as optional;
- Castors with 250 Kg load rate as optional;
- Additional bay version settled for bayed cabinet;
- Designed to mount the earth continuity kit according to EN60950 norms.

## TECHNICAL FEATURES

**IMRAK® ServerMax** is a standalone cabinet specifically developed for industrial server applications, consisting of an assembled structure with welded end frames and 4 vertical pillars. The steel frame provides a maximum static load rate of 1000 kg uniformly distributed. The side panels, easily removable, are provided with 2 quick-release fasteners and a system that protects from accidental fall during their removal (safety). The 19" panel mounting angles are fixed through the side panel mount supports that allows adjustable positioning in the depth of the cabinet while the rear ones are split in three zones, allowing the installation of multi-vendors server. The doors in their available options, are equipped with single central key locking system, have a reversible opening and can be equipped with a swing handle with optional automatic or manual key lock. The top cover is designed to fix a "zero U" ventilation fan tray with 4 or 6 fans (optional) without interfering with a rear cable entry area.

## DIMENSIONS:

Internal Height	42U / 47U
Full Height	1978 / 2200 mm
Depth	1074 mm
Width	600 / 800 mm
Mounting depth	720 mm (panel mount – panel mount)
Weight	From 121 Kg to 150 Kg
Load capacity	1000 Kg

## FINISHING:

Standard	Gray RAL 7035 / Custom colours on demand Side panels, panel mount supports, 19° panel mounting angles and internal frame
	Gray RAL 7037 / Custom colours on demand Top cover, front and rear doors
Opzionale	Anthracite RAL 7016 / Custom colours on demand Top cover, front and rear doors and side panels
	Black RAL 9005 / Custom colours on demand Cabinet frame, panel mount supports and 19° panel mounting angles

## MATERIALS SPECIFICATIONS:

Frame	Steel 1.5 mm
Panel mount angles and reducing channels	Steel 2.0 mm
Panel mount support	Steel 1.5 mm
Side / rear panels	Steel 1.0 mm
Top cover	Steel 1.0 mm
Metal doors	Steel 1.0 mm
Glass doors	Steel 1.2 mm
Glass	Tempered 4.0 mm UNI EN1250.1

## STANDARDS:

IEC 60297	Dimension of mechanical structures of the 19" equipment
DIN 41494	Basic specification for 19" construction systems
EN 60950	European safety standards for information technology equipment
VDE0100	Installation and set-up of current system and grounding
DIN-1249-11	Glass building; glass edges