TS IT Pro

Easy to order – Ready to ship

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Flexible and scalable network/server rack enclosures. Designed to meet the current IT needs of today and the growing trends of tomorrow including high density cooling and power distribution.

Rittal brings over fifty years of experience and customer feedback.

Rittal is the world's largest manufacturer of enclosure and rack systems. The TS IT Pro combines our fifty years of experience and customer feedback to offer the most flexible and scalable rack systems in the market. Rittal rack systems have been engineered as an optimized system to provide proper airflow and efficient cable management for quick and easy deployments.

TS IT Pro – Tailored for Your Application

Our Xpress Configure to Order program allows you to tailor your solution for your application in 7 days or less. Ship complete solutions with accessories installed and eliminate unwanted waste on site. No longer worry about having to track loose components and figuring out how to install them while on site.

Tailor your rack solution today.

Contact us at +1 847-240-4630 or email us at Datacentersales@rittal.us

TS IT Pro and RiMatrix NG

Rittal RiMatrix Next Generation (NG) fully integrates power, cooling, rack, management and security. This scalable, modular architecture allows for the selection of standardized components to create flexible data center solutions that are ready to deploy and operate.

Power

Wide range of power distribution systems from basic up to managed power distribution with the help of our channel partners – easy to install in the zero-U-space.

Cooling

Depending on the IT load, there are concepts with room, row or rack air conditioning.

Monitoring

CMC (Computer Multi Control): Monitoring of all relevant infrastructure parameters and convenient, web-based display. Forwarding to IT dashboards or industrial control systems.

Edge and Corporate Data Center

Modular and scalable

Prepared for the next generation of IT components.
The modular, scalable TS IT Pro platform and accessories are future proof.
The modularity ensures that a rack PDU can be easily integrated into the
IT rack for tool less installation and fast deployment.

Flexible and innovative

The TS IT Pro is designed to meet a variety of customer requirements,
including "ship-loadable" for transporting equipped racks to its destination.
Innovative air conditioning solutions and intelligent air flow management
increase the efficiency of your installation and ensures sustainable
operation.

Easy to Order – Ready to Ship

One part number complete with a full feature set with everything needed for
fast and easy deployment. Ships complete with perforated single front door
and split rear doors keyed alike, leveling feet, casters, roof with brush baffle
cable access channels, vertical cable walls with dual PDU mountings.

Made for harsh environments

Readily deploy solutions in harsh environments where IT equipment is not
means to operate. IP55 and greater solutions ensure continuous operation
of sensitive IT equipment where dust and water droplet can roam free.

Multi-tenant Data Center

Colocation facilities have fast become the alternative to privately-owned data centers. More organizations are migrating their workload and IT infrastructure to private, public, and hybrid cloud platforms to reduce downtime and expenses, while increasing physical security, efficiency, and power and cooling capabilities. The modern colocation facilities, featuring state-of-the-art high-density servers and revolutionary cooling systems, offer services, and often customized solutions, to address networking and computing challenges of today. The TS IT Pro is designed to keeping pace with the next generation of data center trends.

Speed of deployment

The TS IT Pro is simple to specify and easy to order. It can easily be configured with additional accessories, installed at the factory. Designed to meet specific requirements and shipped in one week through a configure to order program, Xpress7. The TS IT Pro guarantees standardization and consistency across various locations, by a partner that can ensure a continuity of supply with a global presence.
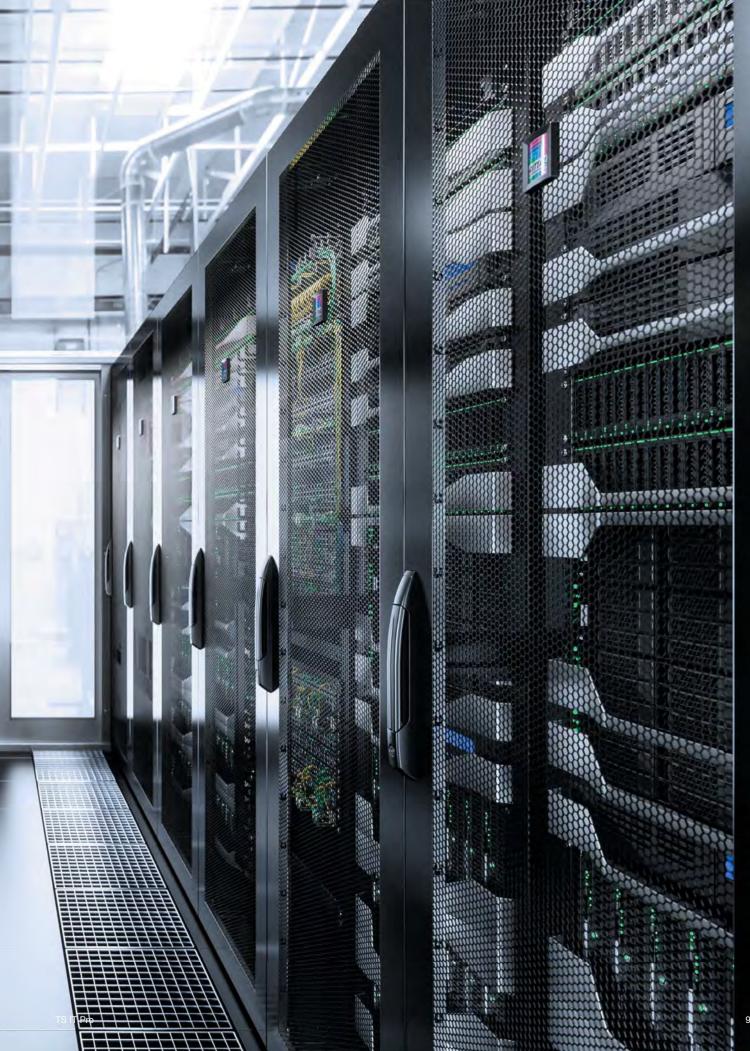
Flexible and future proof

While server technology advances and density demand increases, cooling strategies are continually evolving. The TS IT Pro is designed to seamlessly integrate or retrofit with supplemental row and rack level cooling solutions designed to address specific requirements or hotspots without impacting the existing environment or infrastructure.

A wide range of security and access control, as well as cable and air flow management accessories are available to create a robust solution.

The strength and rigidity of the TS IT Pro allows for a dynamic load capability of 2,250 lbs, enabling fully integrated systems to ship ready for deployment.

For more information about TS IT Pro please go to
🌐 **www.rittal.us/ts-it-pro**

TS IT Pro

TS IT Pro configured for ready deployment.
Black. Enclosures are complete with depth adjustable 19˝ EIA rails, casters, cable management walls with dual PDU mounting, baying kit and locking front and rear perforated doors. Available in a range of sizes with or without sidewalls.

Includes
– Perforated single steel door at the front (85% perforated) 145° quick release security hinges
– Perforated steel door at the rear vertically divided (85% perforated) 145° quick release security hinges
– Roof cable access with brushed baffles
– Front and rear Comfort Handles with push button keyed door lock
– Casters
– Leveling feet
– Fully welded steel frame

– 19˝ EIA rails printed with U markings on the front and back of each rail
– Baying Brackets included
– M6 cage nuts (Package of 50)
– M6 mounting screws (Package of 50)
– Two moveable cable management walls with dual PDU mounting and cable manager cutouts
– Half-height quick release locking sidewalls keyed to match door locks

Material
– Carbon steel

Color
– Black RAL 9005

Certifications
– UL 60950-1
– EIA 310E
– UL 2416
– cUL

Warranty
– 5 years

with Sidewalls

Part Number	9982.202	9982.206	9982.204	9982.208	9982.210	9982.214	9982.212	9982.216
RU Height	42 U	42 U	42 U	42 U	48 U	48 U	48 U	48 U
Height with casters	79˝ (2012 mm)	79˝ (2012 mm)	79˝ (2012 mm)	79˝ (2012 mm)	90˝ (2080 mm)	90˝ (2080 mm)	90˝ (2080 mm)	90˝ (2080 mm)
Width	24˝ (600 mm)	24˝ (600 mm)	30˝ (750 mm)	30˝ (750 mm)	24˝ (600 mm)	24˝ 600 (mm)	30˝ (750 mm)	30˝ (750 mm)
Depth	42˝ (1070 mm)	48˝ (1200 mm)	42˝ (1070 mm)	48˝ (1200 mm)	42˝ (1070 mm)	48˝ (1200 mm)	42˝ (1070 mm)	48˝ (1200 mm)
Door Type	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear
Weight Capacity (Static)	3750 lb.	3750 lb.	3750 lb.	3750 lb.	3750 lb.	3750 lb.	3750 lb.	3750 lb.
Weight Capacity (Dynamic)	2250 lb.	2250 lb.	2250 lb.	2250 lb.	2250 lb.	2250 lb.	2250 lb.	2250 lb.
Net Weight of each rack	257,9 lb.	287,7 lb.	313,1 lb.	342,8 lb.	294,3 lb.	324,1 lb.	360,5 lb.	390,2 lb.
Baying Configurations	600 mm	600 mm	750 mm	750 mm	600 mm	600 mm	750 mm	750 mm

TS IT Pro configured for ready deployment.
Black. Enclosures are complete with depth adjustable 19″ EIA rails, casters, cable management walls with dual PDU mounting, baying kit and locking front and rear perforated doors. Available in a range of sizes with or without sidewalls.

Includes
– Perforated single steel door at the front (85% perforated) 145° quick release security hinges
– Perforated steel door at the rear vertically divided (85% perforated) 145° quick release security hinges
– Roof cable access with brushed baffles
– Front and rear Comfort Handles with push button keyed door lock
– Casters
– Leveling feet
– Fully welded steel frame

– 19″ EIA rails printed with U markings on the front and back of each rail
– Baying Brackets included
– M6 cage nuts (Package of 50)
– M6 mounting screws (Package of 50)
– Two moveable cable management walls with dual PDU mounting and cable manager cutouts
– Half-height quick release locking sidewalls keyed to match door locks

Material
– Carbon steel

Color
– Black RAL 9005

Certifications
– UL 60950-1
– EIA 310E
– UL 2416
– cUL

Warranty
– 5 years

without Sidewalls

Part Number	9982.203	9982.207	9982.205	9982.209	9982.211	9982.215	9982.213	9982.217
RU Height	42 U	42 U	42 U	42 U	48 U	48 U	48 U	48 U
Height with casters	79″ (2012 mm)	79″ (2012 mm)	79″ (2012 mm)	79″ (2012 mm)	90″ (2080 mm)	90″ (2080 mm)	90″ (2080 mm)	90″ (2080 mm)
Width	24″ (600 mm)	24″ (600 mm)	30″ (750 mm)	30″ (750 mm)	24″ (600 mm)	24″ (600 mm)	30″ (750 mm)	30″ (750 mm)
Depth	42″ (1070 mm)	48″ (1200 mm)	42″ (1070 mm)	48″ (1200 mm)	42″ (1070 mm)	48″ (1200mm)	42″ (1070 mm)	48″ (1200 mm)
Door Type	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear	Perforated front and rear
Weight Capacity (Static)	3750 lb.	3750 lb.	3750 lb.	3750 lb.	3750 lb.	3750 lb.	3750 lb.	3750 lb.
Weight Capacity (Dynamic)	2250 lb.	2250 lb.	2250 lb.	2250 lb.	2250 lb.	2250 lb.	2250 lb.	2250 lb.
Net Weight of each rack	205,0 lb.	226,0 lb.	260,1 lb.	281,1 lb.	232,6 lb.	262,3 lb.	298,7 lb.	328,5 lb.
Baying Configurations	600 mm	600 mm	750 mm	750 mm	600 mm	600 mm	750 mm	750 mm

Vertical Cable Duct

for TS IT Pro
Vertical Cable Duct installs to the EIA rails or the enclosure frame for flexible and easy cable management.

Material:
– Aluminum
– Plastic to UL 94-V0

Color:
– Black

For enclosure height	For enclosure width mm	Kit	Model No.
42 U	750	1	**9982.239**
48 U	750	1	**9982.240**

Quarter-turn Cable Managers

for TS IT Pro
Flexible and simple cable management installation, attaches to frame or EIA rails

Material:
– Plastic Hook and loop
– Plastic to UL 94-V0

Color:
– Black

Version	Length	Width	Depth	Kit	Model No.
Fastener strap	17″	–	–	10	**9969.599**
Collection claw	–	3″	4,45″	10	**9969.600**

Quarter-turn Cable Management D-ring

for TS IT Pro
Provides flexible and simple installation within the enclosure.
Installation on side of EIA rails, top/bottom horizontal enclosure frame members, and Rittal Cable Management wall accessories.
5″ x 3.50″ (127 x 88.9 mm).

Material:
– Plastic to UL 94-V0

Color:
– Black

Size	Kit	Model No.
1.7″ x 3.5″	10	**9961.779**
5″ x 3.5″	10	**9961.780**

Further technical information available on the Rittal website.

Horizontal Cable Management
with hingeable/removable cover
1 U Horizontal, Rack Mount Cable Management with
hingeable/removable cover. Side to side installation
on the 19″ rack mount. Pack of 2.

Installation options:
– Horizontal
– Side to side installation on EIA rails

Material:
– Carbon steel

Color:
– Black

Height	Kit	Model No.
1 U	1	**9969.736**
2 U	1	**9969.597**

Cable management fingers
for TS IT Pro
Efficient cable management in the rear of the
enclosure

Installation options:
– Installs on vertical 19″ EIA rails

Material:
– Carbon steel
– Plastic to UL 94-V0

Color:
– Black

For enclosure height	Kit	Model No.
42 U	1	**9982.272**
48 U	1	**9982.273**

Cable duct
for TS IT Pro
For organizing front to rear cabling.

Installation options:
– Installs to EIA rails

Material:
– Carbon steel

Color:
– Black

For enclosure width mm	Kit	Model No.
750	1	**9982.275**

Cable Management wall

Cable management wall with several attachment points for tool-less quarter turn cable management accessories, T cutouts for hook and loop cable managers, and PDU mounting locations in the zero-U-space

Installation options:
– Attaches to enclosure frame

Material:
– Carbon steel

Color:
– Black

For enclosure heigth	Kit	Model No.
42 U	1	**9982.295**
48 U	1	**9982.296**

Roof Mount Cable Manager
for cable routing

Organizes overhead cable runs between racks and cable access slots in the enclosure roof.

Installation options:
– Mounts to enclosure roof in front as well as the rear

Material:
– Carbon steel

Color:
– Black

For enclosure width mm	Kit	Model No.
600	1	**9982.270**
750	1	**9982.271**

Roof Mount Cable Manager
end plate

End plate mounts to Roof Mount Cable Manager to shield view of cabling. One kit needed per row of Roof Mount Cable Manager.

Material:
– Carbon steel

Color:
– Black

Version	Kit	Model No.
Front/rear	1	**9982.238**

Foam baffle
for TS IT Pro
For air flow management, seperates hot/cold zones
within the 600 mm wide enclosures without sidewalls.
Kit includes enough for two rails.
Increases efficiencies.

Material:
– Cellular PU foam

Color:
– Black

Height units U	For enclosure width mm	Kit	Model No.
42	600	4	**9982.261**
48	600	4	**9982.262**

Brush baffle
for TS IT Pro
For air flow management, seperates hot/ cold zones
within an enclosure, increases efficiencies,attaches to
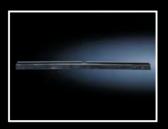the frame adjacent to the 19″ EIA rails.

Material:
– Carbon Steel support with brushes
– Plastic support with brushes
– Bristles: Plastic, UL 94-HB

Color:
– Black

Height units U	For enclosure width mm	Kit	Model No.
42	750	2	**9982.264**
48	750	2	**9982.265**

Top metal baffle
for TS IT Pro
For airflow management, separates hot/cold zones
at top of enclosure, increases efficiencies

Installation options:
– Attaches to enclosure frame

Material:
– Carbon steel

Color:
– Black

For enclosure width mm	Kit	Model No.
600	1	**9982.267**
750	1	**9982.268**

Rittal – The System.

Faster – better – everywhere.

- ■ TS IT Enclosures
- ■ IT Cooling
- ■ Monitoring & Security
- ■ IT Power

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