

Server Rail Catalog

Specifications for every active model, 1U to 10U. Generated October 12, 2026 from our product database; the web page for each model always has the latest revision.

How we work: no tooling fee on bracket, hole-pattern, length and thickness changes within boundaries; rail fitment proposal within 24 hours from your chassis or rack drawing; MOQ 1 and 3-business-day shipping on standard models; chassis-side hole tolerance within ± 0.08 mm; dual-lock anti-drop structure; ISO 9001:2015 / ISO 14001 manufacturing base; designed to EIA-310-D, IEC 60297-3-100/-105 and OCP Open Rack V3.

Universal Server Rails

Universal rack rails for standard servers, OEM replacement and adjustable depth kits.

Model	Product	U height	Load	Rack depth	Rail type	Extension	Installation	Hole type	Material / finish	MOQ	Lead time
MS-FMR-60	MS-FMR-60 Two-Section Friction Server Rail Kit	1U, 2U, 3U, 4U	Up to 60 kg per pair		Friction	Friction Sliding	Screw-mounted	Square Hole	Cold-Rolled Steel	1	3 days

Sliding Rack Rails

Full-extension and ball-bearing sliding rails for maintenance-friendly installs.

Model	Product	U height	Load	Rack depth	Rail type	Extension	Installation	Hole type	Material / finish	MOQ	Lead time
MS-FMR-SW-100	MS-FMR-SW-100 Tool-less Network Switch Rail	1U, 2U, 3U, 4U	80–100 kg per pair		Friction	Friction Sliding	Tool-less	Square Hole	Cold-Rolled Steel / Zinc Plated	1	3 days
MS-FMR-1U2U-115	MS-FMR-1U2U-115 Tool-less Friction Server Rails	1U, 2U, 3U, 4U	Over 100 kg per pair		Friction	Friction Sliding	Tool-less	Square Hole		1	3 days
MS-BBR-1U2U-80	MS-BBR-1U2U-80 Screw-Mounted Ball-Bearing Server Rails	1U, 2U, 3U, 4U	80–100 kg per pair		Ball bearing		Screw-mounted	Square Hole		1	3 days
MS-TLS-120	MS-TLS-120 Tool-less Ball-Bearing Server Rails	1U, 2U, 3U, 4U	Over 100 kg per pair		Ball bearing		Tool-less	Square Hole		1	3 days
MS-FMR-2U-100	MS-FMR-2U-100 Tool-less 2U Friction Server Rails	1U, 2U, 3U, 4U	80–100 kg per pair		Friction	Friction Sliding	Tool-less	Square Hole		1	3 days
MS-BBR-180	MS-BBR-180 Heavy-Duty Liquid-Cooling Server Rail	5U+	Over 100 kg per pair		Ball bearing		Screw-mounted	Square Hole	Cold-Rolled Steel	1	3 days

Fixed Rack Rails

Cost-effective static rack rails for simplified installs and network gear.

Model	Product	U height	Load	Rack depth	Rail type	Extension	Installation	Hole type	Material / finish	MOQ	Lead time
MS-FIX-1U	MS-FIX-1U Fixed L-Shaped Rack Support Brackets	1U, 2U, 3U, 4U	80–100 kg per pair		Fixed support (non-sliding)	Non-Sliding / Static	Screw-mounted			1	3 days
MS-FIX-80	MS-FIX-80 Fixed Rack Support Brackets	1U, 2U, 3U, 4U	80–100 kg per pair		Fixed support (non-sliding)	Non-Sliding / Static	Screw-mounted		Cold-Rolled Steel / Electroplated	1	3 days
MS-FIX-40	MS-FIX-40 Adjustable Fixed Network Switch Support Rails	1U, 2U, 3U	Up to 60 kg per pair		Fixed support (non-sliding)	Non-Sliding / Static	Screw-mounted	Square Hole	Cold-Rolled Steel	1	3 days

Selection essentials to send with your enquiry

1. Side clearance: space between chassis and rack post on each side (sets the rail thickness).
2. Chassis width, height (U), depth and maximum equipment weight.
3. Travel: full extension for in-rack service, partial, or fixed support with no travel.
4. Locking: lock-out at full extension, anti-drop, tool-less release.
5. Installation: tool-less (square / round hole) or screw mount; rack post depth front to rear.

Send a drawing or these numbers to caren@metrixslide.com or use www.metrixslide.com/page/create-a-quote/ and our engineers reply within 24 hours. 2D PDF and 3D STEP drawings are issued per model on request.