CHENBRO

RM146 Plus Series

The Easiest-to-use Compact Server Chassis for Small & Midsize Businesses

RM14610 Plus

RM14604 Plus

An excellent tool-less modular design of a short-depth compact server chassis with high flexibility supporting for various PSU, HDD, MB and environment requirements. It is an absolute ideal choice for SMBs with lower TCO.

Time-saving, Worry-free Installation

The RM146 Plus Series is equipped with Chenbro's exclusive tool-less designs on HDD tray, system fan, and easy access top cover enabling diverse system configurations and allowing SIs or SMEs to build customized thermal layouts. It not only improves operational efficiency with enhanced system management, but also provides efficient air intake as well as excellent cable management. IT installation can be so easy.

No More Chaos! Smart Solution

Meet your growing data center demands with the advanced input/output (I/O) functionality and flexible scalability of the RM146 Plus Series. With built-in cable and airflow management kit, and high performance and flexible thermal solution, RM146 Plus Series provides flexible cooling fan configuration to support different applications in any critical environment.

Cost-effective and Future-proof

The RM146 Plus Series is versatile to support system integrators to differentiate demand on ID, Motherboard, PSU, etc. and increase capacity, lower operating costs and deliver better performance. It streamlines operations and boosts productivity to get the most out of every dollar spent. The RM146 Plus Series is the best choice to meet your needs over your entire infrastructure in a single data center. It is the foundation for IT transformation to accelerate your business and guide you to the future challenges.
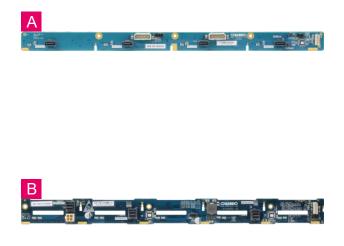
Chassis Specifications

MB Form Factor	• ATX (12" x 9.6")
Dimension (D x W x H)	• 547.6 x 438.5 x 43.5 (mm), 21.56" x 17.26" x 1.71"
Drive Bay	• RM14604 Plus : 4 x 3.5" Hot-swap, 2 x 2.5" Internal, 1 x Slim ODD (9.5 mm) RM14610 Plus : 10 x 2.5" Hot-swap, 2 x 2.5" Internal (Option)
Storage Backplane	• RM14604 Plus : 3.5" 4-port 12 Gbps, SATA 7-pin RM14610 Plus : 2.5" 10-port 12Gbps, Mini-SAS HD
PSU Form Factor	• 1U Single or 1 + 1 Redundant
Indicator	• 1 x Power Status, 2 x LAN Activity, 1 x UID, 1 x System Alarm, 1 x HDD Status (RM14604 Plus only)
Front Control	• 1 x Power On/Off, 1 x UID, 2 x USB3.0
Cooling Fan	• 40 x 28 mm (3, up to 5)
System Security	• N/A
Expansion Slot Opening	• 1 x Full Height & Half Length
Net Weight	• 7.5 kg/16.52 lb
Gross Weight	• 10.0 kg/22.03 lb
Cubic Feet	• 1.84
Container Loading	• 20':480, 40':960 (Single Packing)

12Gbps SAS/SATA Backplane Specifications

3.5" 4-port 12Gbps SAS/SATA Backplane

		A
P/N	• 380-14610-3000A1	
Dimension (D x W x H)	• 426.6 x 26.8 x 2.4 (mm)	
Backplane Type	• Passive	
Host Interface	• 4 x SATA	
HDD Interface	• 4 x SFF-8680	
SAS Expander	• N/A	
Features	• LED Blinking Pattern	

2.5" 10-port 12Gbps SAS/SATA Backplane

		B
P/N	• 380-13810-3000B1	
Dimension (D x W x H)	• 405.0 x 33.3 x 2.4 (mm)	
Backplane Type	• Passive	
Host Interface	• 3 x SFF-8643	
HDD Interface	• 10 x SFF-8680	
SAS Expander	• N/A	
Features	• Temperature Monitoring	

Chenbro

Founded in 1983, Chenbro (TWSE: 8210) has been the trailblazer in designing and manufacturing of own-brand rackmount system, tower server and PC chassis for over 35 years. Chenbro is not only qualified by the first-tier server brands and provides OEM, ODM and JDM services with EMS companies, but also successfully extends its business footprint to datacenters and industrial solutions by continuously investing in technologies and delivers the most trusted server and PC chassis with the highest standard of innovation.

More Info

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