CHENBRO

RM133 Series

1U Dual Socket General Purpose Modular Server Chassis

RM13304

RM13310

Powerful Performance to Fit the Different Applications

Great Versatility

Support large-scale data analysis with a maximum compute-density footprint and the ability to tailor server configurations to change workloads. Chenbro's versatile RM133 series 1U chassis are optimized for general purpose, high performance server applications. The great advantage of modular HDD cage design supports choice of ten hot-swap 2.5" or four hot-swap 3.5" hard drive bays. The advanced features include high performance configurations of NVMe backplanes, 12 Gb/s mini-SAS HD backplanes, USB3.0 and one PCI-e full height expansion slot for sufficient I/O thoughput to ensure no scaling bottleneck to support fast-growing business demand.

Powerful Performance

Implement high-performance, low-latency, massive parallel computing for dense clusters that need high scalability with maximum performance in single unit. The RM133 Series facilitates optimal performance and power efficiency, and minimizes service downtime with tool-less installation of top cover, HDD tray, PSU, fan and PCI-e card exchange. Equipped with optimized six system cooling PWM fans and improves system airflow cooling and reliability. RM133 series can handle the thermal requirement of the latest Intel Purley platform as well as its enhanced versatility that helps customers control the budget for the initial system investment.

Chassis Specifications

Model	• RM13304	• RM13310
M/B Form Factor	• Extended ATX(12" x 13")	• Extended ATX(12" x 13")
Dimension (D x W x H)	• 660 x 438.5 x 43.5 (mm), 26" x 17.2" x 1.7"	• 660 x 438.5 x 43.5 (mm), 26" x 17.2" x 1.7"
Drive Bays	• 2 x Internal 2.5", 1 x Slim ODD • 4 x 3.5" (Hot-swap) (Tool-less)	• 10 x 2.5" (Hot-swap) (Tool-less)
PSU Form Factor	• 1U Single, 1U 1+1 Redundant	• 1U Single, 1U 1+1 Redundant
Indicators	• 1 x Power Status, 2 x LAN Activity, 1 x UID,1 x HDD Status, 1 x System status	• 1 x Power Status, 2 x LAN Activity, 1 x UID,1 x System status
Front Control	• Power On/Off, UID, 2 x USB3.0	• Power On/Off, UID, 2 x USB3.0
Cooling Fans	• Middle: 4 x 40 mm (T=28mm) (Maximum to T=56mm, Up to 6 units)	• Middle: 5 x 40 mm (T=28mm) (Maximum to T=56mm, Up to 6 units)
System Security	• Intrusion Switch (Option)	• Intrusion Switch (Option)
Slot Opening	• 1x Full Height & Half Length	• 1x Full Height & Half Length
HDD Backplane	• 12Gb/s SATA	• 12Gb/s Mini-SAS HD
Temperature	• Operating: 10°C to 35°C (50°F to 95°F) • Non-operating: -40°C to 70°C (-40°F to 158°F)	• Operating: 10°C to 35°C (50°F to 95°F) • Non-operating: -40°C to 70°C (-40°F to 158°F)
Humidity	• Non-operating: 50% to 90%	• Non-operating: 50% to 90%
Net Weight	• 10.52 Kg	• 10.52 Kg
Gross Weight	• 14.59 Kg	• 14.59 Kg
Cubic Feet	• 3.06	• 3.06
Container Info.*	• 20': 240, 40' : 528	• 20': 240, 40' : 528

*Single Packing

NVMe Backplane Specifications
10-port 2.5″ NVMe Passive

P/N	• 380-13810-3001
Dimension (W X H)	• 405.0 x 37.33 (mm)
Backplane Type	• Passive
Host Interface	• 10 X Oculink , 2 X SATA 7-PIN
HDD Interface	• 10 X SFF-8639
SAS Expander	• N/A
Features	• HDD Status indicator, Temperature monitor, I2C

12Gb/s Backplane Specifications
4-port 3.5" Mini-SAS HD

P/N	• 380-14610-3000A1
Dimension (W X H)	• 426.6 x 26.80 (mm)
Backplane Type	• Passive
Host Interface	• 1 x SFF-8643
HDD Interface	• 4 x SSF-8680
SAS Expander	• N/A
Features	• HDD Status Indicator, Temperature monitoring

10-port 2.5" Mini-SAS HD

P/N	• 380-13810-3000B0
Dimension (W X H)	• 405.0 x 33.3 (mm)
Backplane Type	• Passive
Host Interface	• 3 x SFF-8643
HDD Interface	• 10 x SSF-8680
SAS Expander	• N/A
Features	• HDD Status Indicator, Temperature monitoring

Chenbro

Chenbro (TWSE Ticker: 8210), established in 1983, is a global leading server enclosure solution provider that enables customers to conquer the dynamic challenges with innovative solutions. Chenbro is a global company with headquartered in Taiwan, manufacturing services in China which is in line with the certifications in ISO 9001, ISO 14001, OHSAS 18001, QC080000 and RoHS directive compliance for the sustaining of corporate social responsibility; and the global operations, customer and logic services in US, Europe(Germany), Taiwan and China. For more information about Chenbro, please visit http://www.chenbro.com

More Info

V1.2 2018.12