

# YRM-58504A Series

5U AI inference Chassis

Support 10 double-Wide graphic Cards



5U high-density GPU server chassis design with 4 x 3.5" access hot-swap HDDs, CRPS, and E-ATX motherboard support for data storage and high-performance AI applications.

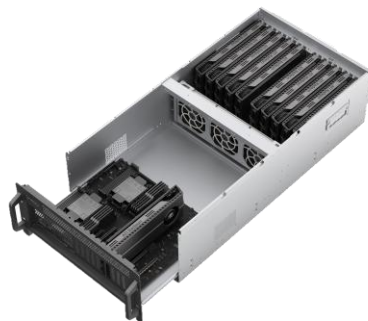
## Key Applications

- Data Centers
- Telecommunications and 5G Networks
- Artificial Intelligence & Machine Learning
- High-Performance Computing (HPC)
- Industrial and Enterprise Solutions



## Mechanical Dimensions

- Size (W x H x D): 437.6 x 220 x 850 mm
- Chassis Material: 1.2 mm SGCC steel



- Support 10 x double-wide PCIe Graphic Cards
- 1 x Network PCIe slot
- Pluggable MB Drawer with Slide Rail
- MB up to 16.53" x 13.79"



- 3 x 12038 PWM Fans (Middle)
- 3 x 12038 PWM Fans (Rear)
- 5 (4+1) PSU PDB
- Up to 3200W CRPS PSU (option)

- 2 x USB 3.2
- 11 expansion slots
- Removable Front Window
- Toolless 4 bays 3.5" HDD



GPU direct connection board  
(Backplane)



3.5" HDD Bays: 4 hot-swap trays  
(SATA/SAS 12 Gb/s)

MODEL NO. : YRM-58504A

Specification

|                                    |  |
|------------------------------------|--|
| Model Name                         | YRM-58504A0  |
| M/B Form Factor                    | Proprietary (16.53" x 13.79")  |
| Dimension (D x W x H)              | L850 x W437.6 x H220 mm  |
| Drive Bay                          | 4 x 3.5" HDD, Hot swap (2.5" compatible)   |
| Storage Backplane                  | -1 2 Gb/s SATS/SAS (hot-swap, SFF 8087, 4 pin PWN fan CNN)<br>- Option: NVMe SSD (hot-swap,) |
| PSU Form Factor                    | CRPS (4+1 ) Horizontal type (1U)   |
| Indicators                         | Power LED *1 , HDD LED *1 , NIC LED x 3  |
| Front Control                      | Reset*1 , Power*1 , USB3.2 (Type-A) x 2  |
| Cooling Fans                       | Middle : 3 x 12038 fans. Rear 3 x 12038 fans   |
| Expansion Slot                     | Rear: 21 ; Front : 11  |
| Supported Rack Mount Kit (Options) | (Option)   |
| Net Weight                         |  |
| Gross Weight                       |  |
| Pallet Size                        | N.A  |
| Cartons Per Pallet                 | N.A  |
| Container Loading                  | 20': 150 , 40': 300 , 40'H:  |

Ordering Information:

YRM-58504A0 : 4-ports 12Gb/s SFF8087 3.5" HDD BP, 1U 4+1 CRPS (3200W) BP, 11 Slot GPU direct connect, 22 MCIO BP

YEOU CHIH

Founded in 1995, boasts 30 years of expertise in global computer peripherals sales. As of 2025, we are focused on recruiting top talent, enhancing our brand identity, and forming strategic alliances with leading manufacturers. Our vision is to become a premium brand by delivering innovative, high-quality solutions. Guided by our philosophy of steadfast growth, global vision, and shared success, we unite customers, suppliers, and employees into an efficient, collaborative team, “Team To The Top.”

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