

R6480T5 4U High-Density Storage Server Specifications

I Product Type

4U rackmount server

II Introduction

Gooxi R6480T5 is a 4U Rackmount high-density storage server built on the Intel Eagle Stream platform, featuring massive storage capacity, integrated computing and storage capabilities, high reliability, and flexible scalability. Designed to address the rapid growth of massive unstructured data, it is optimized for data-intensive applications such as cloud storage, distributed storage, data backup and archiving, big data analytics, video surveillance, and disaster recovery centers. The system provides enterprises with a secure, efficient, and scalable storage infrastructure, enabling efficient data asset management and value extraction throughout digital transformation initiatives.

III Product Features

- ◆ 4U Rackmount design with support for up to 60×3.5 " drive bays, delivering PB-level raw storage capacity and exceptional space utilization
- ◆ Supports dual Intel Eagle Stream processors with high-speed DDR5 memory, balancing massive storage capacity and data processing performance
- ◆ Supports PCIe 5.0 expansion, OCP network cards, and hybrid NVMe/SAS/SATA deployment for tiered hot and cold data storage and high-speed network scalability
- ◆ Redundant key components, Hot-Swap drives, intelligent thermal management, and remote management ensure 24/7 stable operation while reducing maintenance costs
- ◆ Designed for data-intensive scenarios such as cloud storage, big data, backup and archiving, video surveillance, and disaster recovery centers, providing a one-stop massive data storage solution

IV Pictures



Front View



Drive Bay View

To become a global leader in the server industry



[Rear View](#)

(Product pictures are for reference only, please refer to the actual product)

V Specifications

Product Type	4U Rackmount Server
Model	R6480T5
Form Factor	4U 60-bay
Chipset	Intel® C741 Series server chipset
Processor	Supports 2 × 4th/5th Gen Intel® Xeon® Scalable processors, MAX TDP 350W
Memory	Supports 32 memory slots; up to 32 DDR5 RDIMM, speed up to 5600 MHz
PCIe Specification	Supports 7 × PCIe expansion slots including 2 × OCP 3.0 slots
Storage Controller	RAID controller, SAS controller Onboard PCH supports 12 × SATA interfaces Intel onboard NVMe controller
Storage	Front Panel: 10 × 2.5-inch SAS/SATA/NVMe drives
	Internal Storage: 60 × 3.5-inch SAS/SATA drives, Hot-Swap; 4 × M.2 (2280/22110)
Network	Optional OCP 3.0 NIC; optional 1/10/25/40/100/200G PCIe standard NIC
Fan	7 × 4056 Hot-Swap N+1 redundant Fan
Ports	Front: 2 × USB 2.0

	Rear: 2 × USB 3.0, 1 × VGA, 1 × serial port, 1 × RJ45 management port
	Internal: 1 × USB 2.0
Power Supply	Supports 4 power modules, optional 1600W / 2000W CRPS power supply; Hot-Swap, N+N/N+1 redundancy
Management	Supports Onboard iBMC management module, IPMI 2.0 standard interfaces
Security	Administrator password, TPM 2.0, chassis intrusion alarm
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, VMware ESXi
Operating Temperature	5°C~35°C
Dimensions	175.4mm (H) x 448mm (W) x 899mm (D)

(The final interpretation right belongs to Gooxi)