

MiTAC B8261T85E24HR-2T - rack-mountable no CPU - SSD(B8261T85E24HR-2T)

MiTAC B8261T85E24HR-2T - Server - rack-mountable 2U - 2-way - no CPU - NVMe - hot-swap 2.5" bay(s) - SSD - AST2600 - Gigabit Ethernet, 10 Gigabit Ethernet - no OS - monitor: none



The Mio MiTAC B8261T85E24HR-2T is a rack-mountable server designed for data centers with demands for performance and reliability. Featuring 24 hot-swap bays, this server allows for easy maintenance and upgrades, ensuring minimal downtime. It supports PCIe NVMe SSDs, enabling fast data access and transfer speeds. With a robust power supply of 2700 W and built-in redundancy, the server ensures continuous operation even in the event of power supply failure.

Operating within a temperature range of 10°C to 35°C and capable of handling high humidity levels, this server is engineered to operate in various environments. It comes equipped with essential connectivity options, including dual 10 Gigabit Ethernet ports and multiple USB interfaces. The motherboard is designed for scalability, supporting up to two processors, while the DDR5 SDRAM technology allows for memory speeds of up to 6000 MHz, meeting the needs of demanding applications.

Key Selling Points

- Hot-swap design for all 24 server storage bays
- High-performance NVMe interface for speedy data access
- 2700 W power supply with redundancy for reliability
- Support for up to 2 processors for enhanced scalability
- Advanced remote management features with IPMI 2.0

Product Features

- Efficient rack-mountable design**  
The Mio MiTAC B8261T85E24HR-2T features a rack-mountable chassis that optimizes space in server rooms, allowing for organized installations.
- Robust memory capabilities**  
Equipped with 24 DDR5 SDRAM slots, this server supports high-speed memory of up to 6000 MHz, providing efficient performance for demanding tasks.
- Comprehensive connectivity options**  
Dual 10 Gigabit Ethernet ports alongside multiple USB and VGA connections ensure flexible connectivity for various networking and peripheral needs.
- Advanced temperature management**  
Temperature and voltage sensors monitor system health to maintain performance, helping to prevent overheating and hardware failure.
- Future-ready storage flexibility**  
Supporting SSDs with PCIe NVMe interface allows for quick data handling, making this server suitable for enterprise applications that require swift data processing.

Main Specifications

Product Description	MiTAC B8261T85E24HR-2T - rack-mountable no CPU - SSD
Type	Server - rack-mountable
Height (Rack Units)	2U
Server Scalability	2-way
Processor	No CPU
Processor Socket	Socket SP5
RAM	6144 GB (max) - DDR5 SDRAM
Server Storage Bays	Hot-swap 2.5"
Hard Drive	SSD (hot-swap) - PCI Express (NVMe) / U.2
Optical Storage	No optical drive
Graphics Controller	ASPEED AST2600

Networking	1GbE, 10GbE
Power Redundancy	Yes
OS Provided	No operating system
Dimensions (WxDxH)	44.8 cm x 85 cm x 8.7 cm

Extended Specification

General

Type	Server
Product Form Factor	Rack-mountable - 2U
Built-in Devices	6 x hot-swap fans
Sensors	Temperature sensor, voltage sensor
Server Scalability	2-way
Internal Bays Qty	24
Front Accessible Bays Qty	24
Hot-Swap Bays Qty	24

Expansion / Connectivity

Slots	4 PCIe 5.0 x16
Interfaces	4 x USB 3.2 Gen 1 (2 front, 2 rear) ¦ 1 x VGA - DB-15 ¦ 2 x LAN (10Gigabit Ethernet) - RJ-45 ¦ 1 x LAN (Gigabit Ethernet) - RJ-45

RAM

Installed Size	6144 GB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	6000 MHz
Rated Memory Speed	6000 MHz
Slots	24 (Total) / 24 (empty)

Networking

Ethernet Ports	2 x 10 Gigabit Ethernet, 1 x Gigabit Ethernet
Ethernet Controller	Realtek RTL8211F
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Remote Management Protocol	IPMI 2.0
Remote Management Controller	Aspeed AST2600

Miscellaneous

Compliant Standards	FCC SDOC Class A, DOC-A, RoHS
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Power

Device Type	Power supply
Power Redundancy	Yes
Power Redundancy Scheme	1+1
Voltage Required	AC 100-127/200-240 V
Power Provided	2700 Watt
80 PLUS Certification	80 PLUS Titanium

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	90% (non-condensing)

**Optical Storage**

Type	No optical drive
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**Operating System / Software**

OS Provided	No operating system
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**Monitor**

Monitor Type	None.
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**Graphics Controller**

Graphics Processor	ASPEED AST2600
Video Interfaces	VGA

**Hard Drive**

Type	SSD - hot-swap
Interface Type	PCI Express (NVMe) / U.2

**Dimensions & Weight**

Width	44.8 cm
Depth	85 cm
Height	8.7 cm

**Processor / Chipset**

CPU	No CPU
Max CPU Qty	2
CPU Upgradability	Upgradable
CPU Socket	Socket SP5
Motherboard Name	Tyan S8261GM2NE-2T

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