

# P2124 Storage Server

- ▶ High Performance Storage Server
- ▶ 12TB+ Storage Capacity in Just 2U
- ▶ Integrated Hardware RAID Engine
- ▶ Fast SAS or SATA Disk Technology
- ▶ Dual Gbit Ethernet (Optional 10Gbit)
- ▶ RAID 6 Support for Ultimate Data Security

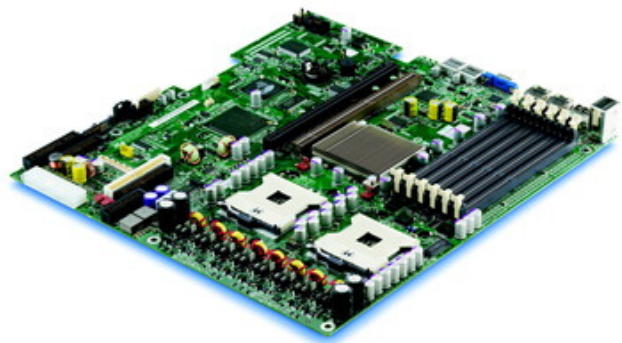


## *High Performance, High Capacity, Storage Server*

- ▶ **High Performance** - Integrated Intel® Dual Multi-Core Core Xeon or AMD® Dual Opteron server system combined with fast hardware RAID storage providing up to 12TB of raw storage capacity. The P2124 Provides an ideal compact 2U platform with a very high storage capacity with a high performance server engine with plenty of horse power and memory capacity for even the most demanding applications. The P2124 is built to your specification with a wide choice of processors, memory and RAID disk configurations available.

### Hardware Features

- ▶ High Density Rugged 2U Rack Mount chassis
- ▶ 12 Front Access Fully Hot Swap SAS or S-ATA II Disk Drive Bays
- ▶ Dual Redundant Hot Swap Power Supply with Twin Power Cords
- ▶ Redundant Hot Swap Cooling Fans
- ▶ 12 Channel High Performance 64Bit Hardware RAID Controller
- ▶ Dual Gbit LAN Interfaces
- ▶ Powerful Dual Multi-Core Xeon or Opteron 64 bit Server Board
- ▶ 2 Free PCI-X Expansion Slots (depends on model)
- ▶ RAID 5 and 6 Data Security with Auto-Rebuild
- ▶ Hot Standby Disk Drive Support



## Data Capacity

The P2124i Storage Server system supports up to 12 hot swap SAS or SATA II disk drives including 250GB, 500GB, 750GB and 1TB models. Each system is configured with disk drives, the RAID built to your chosen specification including any hot spares and fully tested prior to shipment. With 12 x 500GB disk drives fitted, the unit provides a raw capacity of 6TBytes which in the recommended RAID 6 configuration provides ~5TBytes useable less formatting.

## Specification

Hard Drive Interface	12 x 3Gbits/Second SAS / S-ATA II Channels, Hot Swap Carriers
Data Interface	Dual Gbit Ethernet (copper) RJ45 as Standard
RAID Controller	12 Channel SAS or SATA 64 Bit Hardware RAID Controller Supports RAID 0, 1, 3, 5, 6, 10 with Hot Spare Drives
Server System	Dual Multi-Core Intel Xeon CPU Options with up to 16GB Fast DDR2 Memory
Cooling	Four x 80mm Integrated Replaceable Redundant Fan Modules Front Mounted (Blowers). Air flow Front to Rear
System Monitor	Alarming on Fan Speeds and Temperature Disk and RAID Fault Monitoring and Remote Alerting
Power Supply	500W Redundant Load Sharing AC Power Supply Dual Power Cords Auto-ranging 100 to 240 Volts AC +/-10%, 47Hz to 63Hz Power Consumption 350W typical
Environmental	Operating +10 to +35 deg C Recommended 18 to 22 deg C Storage 0 to +55 deg C Humidity 10 to 85% Non-condensing
Physical	Weight 19Kg (excluding hard drives) 2U 19" rack, 444mm Wide x 88mm High x 674mm Deep
CE Compliance	Conforms with EEC Directives on EMC & Safety Designed to Meet UL and FCC Requirements

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Specifications subject to change without notice

