



BoosTrak S Series



Dual-Node Purpose-Built NVMe-oF Storage

The dual redundant node BoosTrak S8206 and dual independent node BoosTrak S6206 are high-performance, enterprise-class storage solutions engineered for applications with near-zero latency tolerance.

This all-NVMe flash system is ideal for demanding workloads including AI training and inference, high-performance computing (HPC), media production, high-performance databases, real-time analytics, and virtualized environments.

Built on the latest Intel® Xeon® 600 series platform, every component is optimized for maximum throughput. The U.2 or U.3 NVMe drives are connected via a PCIe 5.0 internal fabric, supported by ultra-high-speed networking options including 100GbE, 200GbE, and 400GbE interfaces.

Exceptional performance is complemented by an intuitive management experience with the WebPAM 5.0 interface, enabling streamlined deployment, efficient system management, and rapid response operations.

Highlights

| Exceptional Performance

- Ultra-low latency and exceptionally high IOPS
- Complete advance PCIe 5.0 NVMe-based architecture.

| High-Speed Network Versatility

- Aggregated bandwidth up to 800 Gb/s
- Flexible network options: 25GbE, 100GbE, 200GbE, and 400GbE per node

| Multi-Node Operation

- Dual redundant nodes or dual fully independent nodes per system
- Up to 24 or 12 independent high-speed U.2/U.3 NVMe SSDs per node

| Intuitive Usability and Management

- Intuitive WebPAM 5.0 interface for simplified system management
- In-band Redfish API support, with optional out-of-band Redfish API

| Application Range

- AI training and inference
- High-performance computing (HPC)
- Optimized for mission-critical applications across industries

Technical Specifications

Model / Solution BoosTrak S6206 Dual / Twin Node JBOF BoosTrak S8206 / Dual Node JBOF

General Information

Form Factor	2U 19" Rackmount	
Mode	Twin independent nodes	Dual redundant nodes
Processor	Intel® Xeon® 600 processor per Node	
Memory	8-Channel, 8 x DIMM slots per Node	
Number of Bays	12 bay per Node. Total 24 bays	24 bay, dual Path
Drive Support	U.2 / U.3 NVMe SSD Single Port	U.2 / U.3 NVMe SSD Dual Port

Interface and Software

Host Interface Options per Node	Up to 400 GbE
Network Protocol	RDMA over RoCE v2, NVMe over TCP/IP
Management Interface	1 x RJ45 1GbE per Node, 1x RJ11 UART per Node
Management Tool	Promise WebPAM 5.0, CLI, Redfish
Promise Features	OPAS, NVMeBoost 2.0

System Information

Power Supply	Dual 80 Plus Platinum 1600W CRPS Redundant Power Supply
AC Input	AC 100-240V, 60~50Hz
Dimension (H x W x D)	88.4 x 484.2 x 773.5 mm
Temperature Range	Operational: 5° to 35°C / Non-Operational: -40° to 60°C
Field Replaceable Unit (FRU)	Drive Bay Modules, Power Supply Unit Modules, Server Node Module

Warranty and Support

Warranty	3-years standard warranty, optional extended warranty, and on-site parts replacement program (PROMISE ServicePlus) available.
Support	24/7 PROMISE eSupport Portal (support.promise.com), optional 24/7 phone and email support available.

Please note that product specifications may change without prior notice. In case of discrepancy, the English datasheet takes precedence.

