03 · DATA + ACCELERATION

SR-X6-2S-2U24N

Keep high-value data close to compute.

A dense 2U Intel Xeon 6 platform for NVMe-heavy data processing, high-speed networking and configurations that combine local storage with accelerators.

PRODUCT VIEW · SR-X6-2S-2U24N

24 ×	24 ×	3 ×	1,200 W
FRONT SFF BAYS	NVME MAXIMUM	FHFL POSITIONS	ACCELERATOR TDP

DESIGNED FOR

Analytics · AI inference · video processing · VDI graphics · caching · software-defined storage

01

Keep active data close

Up to 24 front NVMe devices can place working data near compute for analytics, caching and software-defined storage.

02

Combine data and acceleration

Up to three FHFL positions and up to 1,200 W aggregate accelerator TDP support selected GPU and PCIe-accelerated builds.

03

Separate boot from the data tier

Two internal M.2 positions can keep operating-system or service media independent from front-accessible workload storage.

Product imagery is illustrative. Final chassis details and installed options are defined by the order configuration.

ENTERPRISE OPERATIONS

Built for remote control and service continuity.

Dedicated management and redundant power support day-to-day data-center operations across the server family.

REMOTE KVM
HTTPS · REDFISH
HOT-SWAP POWER

03 · PRODUCT PLATFORM

Data density and acceleration in one 2U platform.

SR-X6-2S-2U24N is built for workloads that benefit from a dense local data tier and selected PCIe acceleration within the same server node.

CUSTOMER BENEFITS

01 **Keep active data close**
Up to 24 front NVMe devices can place working data near compute for analytics, caching and software-defined storage.

02 **Combine data and acceleration**
Up to three FHFL positions and up to 1,200 W aggregate accelerator TDP support selected GPU and PCIe-accelerated builds.

03 **Separate boot from the data tier**
Two internal M.2 positions can keep operating-system or service media independent from front-accessible workload storage.

04 **Build as a complete system**
Storage, lane mapping, risers, accelerator power and thermal options are engineered together for the target workload.

IDEAL WORKLOADS

01 **Analytics**
02 **AI inference**
03 **Video processing**
04 **VDI graphics**
05 **Caching and SDS**

CONFIGURATION FLEXIBILITY

- 24 front SFF bays
- Up to 24 NVMe devices
- 2 internal M.2 positions
- Up to 6 HHHL or 3 FHFL cards

TECHNICAL HIGHLIGHTS

FORM FACTOR
2U rack server

PROCESSORS
2 × Intel Xeon 6

MEMORY
32 × DDR5 DIMM; ECC Registered

FRONT STORAGE
24 × SFF; up to 24 × NVMe depending on configuration

INTERNAL STORAGE
2 × M.2 for boot or service media

PCIE EXPANSION
Up to 6 × HHHL or 3 × FHFL

ACCELERATORS
Up to 1,200 W aggregate installed accelerator TDP

NETWORKING
OCP 3.0 and/or PCIe adapters

MANAGEMENT
Dedicated BMC; remote KVM, HTTPS and Redfish

POWER
Redundant hot-swappable power supplies

CONFIGURATION NOTE
Available PCIe positions depend on the selected NVMe configuration. With 21-24 NVMe devices, up to two PCIe x16 positions remain. The complete lane, power and thermal design is validated per build.

DEFINE THE RIGHT SYSTEM
Align compute, memory, storage, network and acceleration around the workload.

DISCUSS A CONFIGURATION
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