01 · DENSE 1U COMPUTE

SR-X6-2S-1U12

More capability in every rack unit.

A compact dual-socket Intel Xeon 6 platform for enterprise workloads that need density, front-serviceable storage and a consistent scale-out footprint.

PRODUCT VIEW · SR-X6-2S-1U12

1U	2 ×	12 ×	32 ×
RACK PLATFORM	INTEL XEON 6	FRONT SFF BAYS	DDR5 DIMMS

DESIGNED FOR

Virtualization · application services · databases · infrastructure clusters

01

Consolidate with confidence

Two CPU sockets and 32 DDR5 DIMM positions provide a strong foundation for mixed virtualized and application workloads.

02

Keep data accessible

Twelve front SFF bays support a service-friendly local storage tier for operating systems, applications and working data.

03

Connect what the workload needs

OCP 3.0 and up to two HHHL PCIe positions support networking, storage control and selected compact accelerators.

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

01 · PRODUCT PLATFORM

Dense compute. Practical serviceability.

SR-X6-2S-1U12 brings dual-socket compute, enterprise memory and front-accessible storage into a compact 1U design that can be repeated across a rack or cluster.

CUSTOMER BENEFITS

01 Consolidate with confidence

Two CPU sockets and 32 DDR5 DIMM positions provide a strong foundation for mixed virtualized and application workloads.

02 Keep data accessible

Twelve front SFF bays support a service-friendly local storage tier for operating systems, applications and working data.

03 Connect what the workload needs

OCP 3.0 and up to two HHHL PCIe positions support networking, storage control and selected compact accelerators.

04 Standardize the node

A consistent 1U footprint simplifies rack planning for scale-out infrastructure and repeatable deployment patterns.

IDEAL WORKLOADS

01 **Virtualization**
02 **Application services**
03 **Database nodes**
04 **Web infrastructure**
05 **Scale-out clusters**

CONFIGURATION FLEXIBILITY

- 12 front SFF bays
- Up to 2 HHHL PCIe cards
- OCP 3.0 networking
- Redundant hot-swap power

TECHNICAL HIGHLIGHTS

FORM FACTOR
1U rack server

PROCESSORS
2 × Intel Xeon 6; up to 320 W TDP per socket

MEMORY
32 × DDR5 DIMM; ECC Registered

FRONT STORAGE
12 × SFF; NVMe support depends on configuration

PCIE EXPANSION
Up to 2 × HHHL

NETWORKING
OCP 3.0 and/or PCIe adapters

MANAGEMENT
Dedicated BMC; remote KVM, HTTPS and Redfish

POWER
Redundant hot-swappable power supplies

CONFIGURATION NOTE
Processor, memory, storage protocol, controller, network and operating-system options are defined in the validated configuration record for each deployment.

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

DISCUSS A CONFIGURATION
www.sidera-is.com