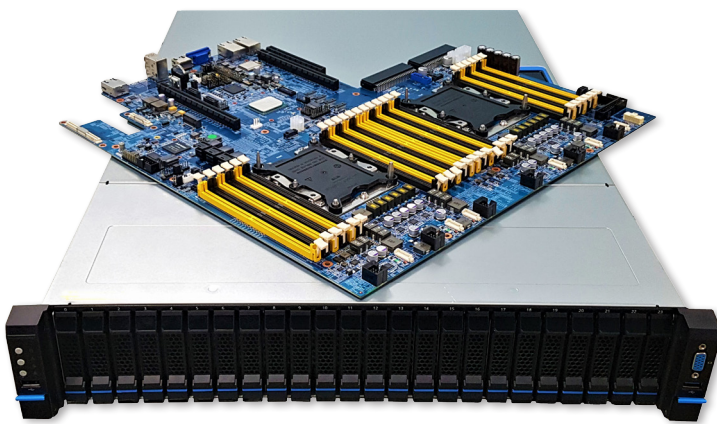


KR580S1 2U 8/12/24 BAY HIGH PERFORMANCE SERVER



Key Features

- **KR580S1, General Purpose Server Optimized for Data center**

KTNF provides a complete server system for data center with Intel's latest innovative technology and KTNF's reliable hardware quality.

- **Full Modularization and Tool-less installation**

KR580S1 Server system applies brilliant ideas of modularization and tool-less installation to key components, which is beneficial for not only system integrator to save a time but enterprise to ease IT maintenance complexity

- **Handle a various enterprise workloads**

To support customer's heterogeneous applications, K580S1 supports Windows® and Linux®, as well as VMware® and Citrix virtualization environments

KR580S1 Server Systems Supporting the Intel® Xeon® Processor Scalable Family





KTNF Server System KR580S1 Series delivers power and performance at peak efficiency in a 2U rack mount server form factor that features the energy-efficient dual Intel® Xeon® Processor Scalable Family. High memory capacity, networking, storage and I / O flexibility combine with innovative design to provide an exceptional and reliable server for business.



Technical Specification

DESCRIPTION	Full-featured Server System with maximum flexibility for expansion; available as a 1U, 2U rack-mount form factor featuring the energy efficient Intel's latest technology
Compute	2 x Intel Xeon Scalable processors
Memory	24x DDR4 LR / R DIMMs 2133 / 2400 / 2666MHz ECC(up to 12x NVDIMMs)
Storage	8x 3.5inch hot swap SATA / SAS Disk 12x 3.5inch hot swap SATA / SAS Disk 24x 2.5inch hot swap HDDs or 20x 2.5inch hot swap HDDs +4(NVMe disks) *Support 2x 2.5 inch Rear hot swap HDDs(option) *1x M.2(PCIe x4) conn.
Expansion Slot	1x OCP 2.0 PCIe Gen3 x8 Type A conn. 1x OCP 2.0 PCIe Gen3 x8 Type C conn.
Riser Card	Riser 1(FH): 3slots of PCIe Gen3 x8 Riser 2(FH): 1slot of PCIe Gen3 x16 + 1slot of PCIe Gen3 x8 Riser 3(LP): 1slots of PCIe Gen3 x8 + 1slot of PCIe Gen3 x4
Front I/O	1x USB3.0 / 1x USB2.0 / 1x VGA
Rear I/O	2x 10GbE Copper Ports, 1x IPMI Port / 3x USB3.0 / 1x VGA / 1x COM
Management	AST2500 / 1x Dedicated Mgmt. RJ45 port
Security	Trusted Platform Module
Cooling	6x 6038 Hot swap Fans
Power	CRPS 800W / 1200W, 80 PLUS Platinum PSU(up to supporting 1+0, 1+1, 2+0 combined Power)
Dimensions	735mm x 438mm x 87mm / 29" x 17.2" x 3.43"
Warranty	3 year limited warranty, optional 2 year extended warranty available

SPECIFIC SKUs

KR580S1	3.5 inch 8Bay 	Supports up to 205W TDP processors 800 / 1200W AC 80 PLUS Platinum PSU Support for 8x 3.5"(2.5") hot-swap drives
	3.5 inch 12Bay 	Supports up to 205W TDP processors 800 / 1200W AC 80 PLUS Platinum PSU Support for 12x 3.5"(2.5") hot-swap drives
	2.5 inch 24Bay 	Supports up to 205W TDP processors 800 / 1200W AC 80 PLUS Platinum PSU Support for 24x 2.5" hot-swap drives
	2.5 inch 20Bay + 4x NVMe drives 	Supports up to 205W TDP processors 800 / 1200W AC 80 PLUS Platinum PSU Support for 20x 2.5" + x4 NVMe drives

Services

- Consulting service provide advice and guidance to safely move your workloads to newer technologies
- KTNF installation services enable faster, more reliable startup of servers.
- Well skilled KTNF customer support team will respond promptly to any problems you may have.

Product information and Purchase guide : +82 2 865 5200

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