



CIPHERTEX CX-20K-REX W/NVMe

Extraordinary Performance Rackmount Server w/NVMe

The Ciphertex CX-20K-REX NVMe high performance server delivers exceptionally high IOPs performance and low latency not seen in earlier technologies. This make the CX-20K-REX the perfect, next generation solution to high intensity database workloads such as SQL databases, high security encryption datacenters, cloud virtualization, VDI, 3D modeling, super computers and high intensity applications.

Features

- Large throughput gains (6x) over SATA and SAS
- Latency improvements up to (7x) over SATA and SAS
- Capable of sustaining up to 2788.77 MB/s reading and 1838.98 MB/s writing
- Supports Single Socket AMD EPYC CPU
- Supports up to 2TB DDR4 DIMMs 2666/2400 MHz
- 1U with 20x hot-swappable 2.5" NVMe 7mm SSD bays
- Supports 2x PCI-E x16 slots and 1x PCI-E x16 OCP card
- Shared common backplane improves exibility of drive choice
- Redundant power supplies



Experience the Ciphertex Edge

Ciphertex server solutions with NVMe support are targeted at HPC, Data Centers, Government & Military, Healthcare, Oil and Gas, 3D modeling, Media/ Entertainment, Financial Institutions, and aerospace and automobile design center.

CIPHERTEX CX-20K-REX

Now Featuring NVMe Technology

STORAGE	20x 2.5" hot-swap U.2 NVMe 7mm drive bays; 2x internal M.2 NVMe and 2x SATA 2.5" bays for OS drives	BACKPLANE	5x 4-Bay NVMe PCIe x2 backplanes
PORTS	2x USB 3.0 ports 2x 1 GbE ports 1x GbE MGMT 1x COM port 1x VGA port	LED INDICATORS	Power On/Off, Locate, System warning, 4x LAN LED
EXPANSION	2x PCI-e gen3 x16 1x pci-e gen3 x16 ocp 2.0	PUSH BUTTONS	Power On/Off, Locate, Reset
FORM FACTOR	1U Rackmount	POWER CONSUMPTION	1+1 600W AC/DC or -48VDC/DC high efficiency redundant power supplies
SUPPORTED CPU	Supports Single Socket AMD EPYC (Naples) CPU up to 180W TDP socket SP3	TEMPERATURE	Operating: 0 to 35°C (°F) Non-Operating: -20 to 70°C (0-158°F) RoHS 6/6 Compliant
MEMORY/DRAM	Supports up to 16x DIMMs DDR 4 RDIMM/EDIMM/LRDIMM 2666/2400 MHz	HUMIDITY	Operating: 8-90% RH Non-Operating: 5-95% RH
SUPPORTED O/S	Windows Server 64bit 2012/R2, Windows 2016 64bit, Linux RHEL 7.4 SUSE 11 SP4 x64, SUSE 12 SP2 x64, Ubuntu 16.04 x64, Ubuntu 17.04 x64, Best solution for SQL	FAN	5x 40mm fans with Smart Fan Control

All product specifications and data are subject to change without notice to improve reliability, function, design or otherwise.



FCC CE COMPLIANCE - Designed/Assembled/Integrated/Tested in the USA using domestic and or foreign components. Made in the U.S.A.

