



Cheetah RAID
STORAGE

CRSSAN2N12U-UM

High Performance Ingest Station



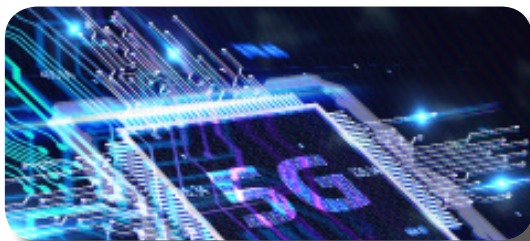
Media Entertainment



In-vehicle Data Logger



5G Communications



Military



HIGHLIGHTS

- **3x individual hot-pluggable Gen4 NVMe canisters**
- **AMD EPYC Zen 3 (Milan) CPU**
- **Individual hardware RAID for each canister (optional)**
- **Supports 200GbE PCIe Gen4 network adapters**
- **23.4" Short depth storage server**
- **Removable storage canister for easy backup process**

A high performance server can only perform as fast as its weakest link, and in many cases, the weakest link is commonly the storage as it's often overlooked. Cheetah's CRSSAN2U3N is specially designed to address this Achilles' heel by offering a high performance AMD (Milan) server that supports 3x individual Gen4 canisters. Its canisters are compatible with Cheetah's CRSSAN-2N4U (a portable data logger) and allows the canisters to migrate data from a moving vehicle to a data center instantly.

By supporting AMD (Milan) CPUs, FlacheSAN2U3N also excels in processing prowess. With its detailed airflow considerations, this system can support AMD EPYC Milan's maximum 64 cores and 128x Gen4 PCIe lanes. The latest AMD EPYC cores allow the server to carry out the most demanding applications while offering low-latency access to the storage via its vast amount of Gen4 PCIe lanes.

The individual canister design allows data to be logged and processed separately. Once data is processed, the canister can hot-swap and migrate to a different location. With the canister design, data migration is no longer bound to the external network fabric. The canisters support SED drives and can be encrypted to provide maximum data security.

Each CRSSAN2U3N canister can be connected via 16x PCIe Gen4 Lanes to the AMD CPU directly or via a hardware NVMe RAID controller. This offers the flexibility for customer to choose between high storage performance or hardware RAID convenience. CRSSAN2U3N allows each canister to connect to a dedicated hardware RAID controller to ensure adequate RAID5 read and write performance.

