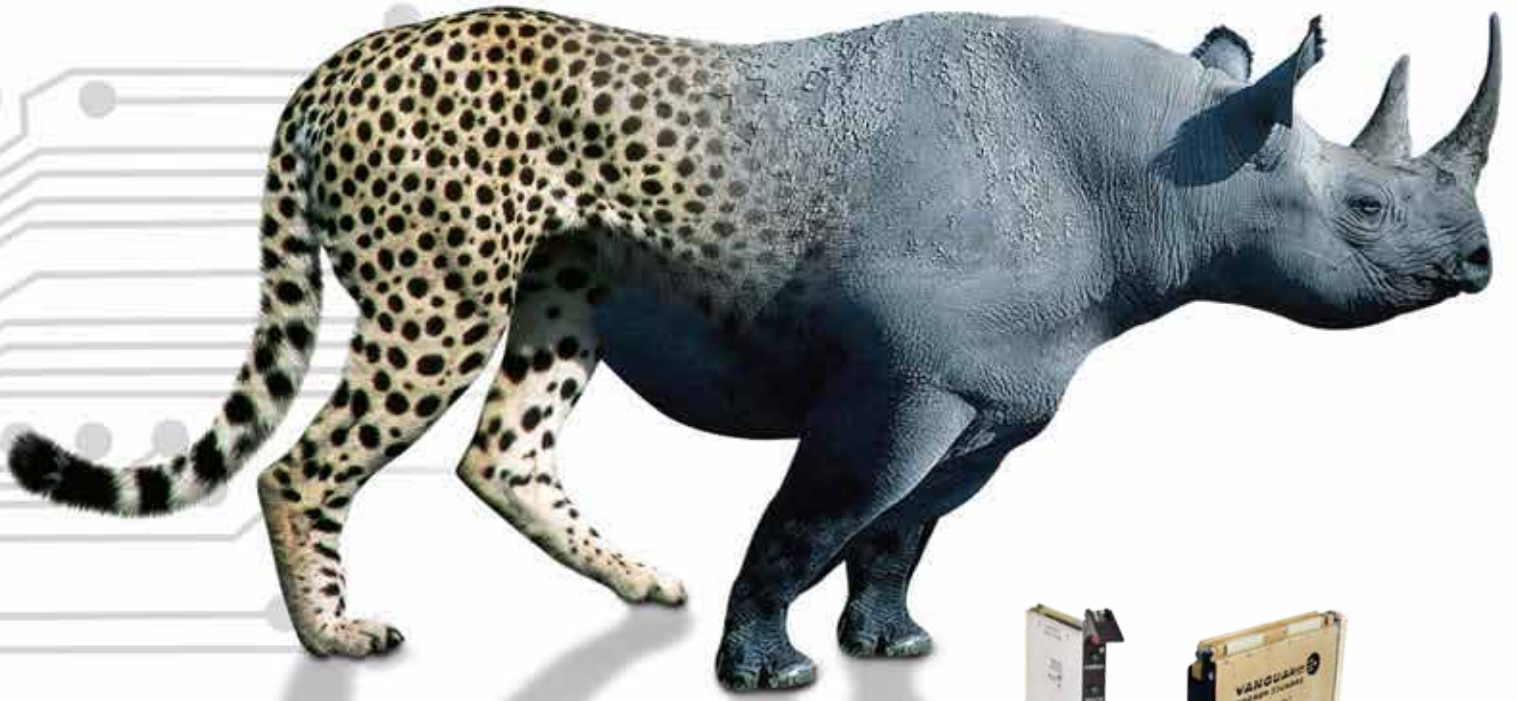


# SUPER FAST & BUILT TO LAST

Just A Box Of Disks (JBOD) Data Storage



# JUST a BOX OF DISKS (JBOD)

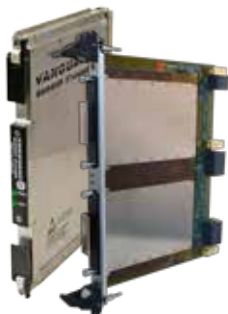
Vanguard JBOD Products are available with State of the Art Solid State Drives with single drive capacity as high as 32 TBytes (Samsung, SAS) and Hard Disk Drives with single drive capacity as high as 10 TBytes (Seagate, SAS).

**Interfaces:** SATA, SAS, NVMe / PCIe, USB, SCSI Ultra-320  
**Capacity:** Up to 1440 TBytes  
**SSD Write Data Rates<sup>1</sup>:** SATA: 530 MBps, SAS: 900 MBps, NVMe: 1,200 MBps  
**SSD Read Data Rates<sup>1</sup>:** SATA: 550 MBps, SAS: 1200 MBps, NVMe: 2,000 MBps  
**HDD Data Rates<sup>1</sup>:** SATA: 249 MBps, SAS: 315 MBps  
**Self Encrypting Drives:** Available

**Cooling Options:** Air Cooled, Conduction Cooled  
**Temp Ranges:** Commercial, 0 to 70 C (SSDs)  
 Industrial -45 to + 85 C (SSDs)  
 Commercial: 5 to 55 C (HDDs)  
 Commercial: 0 to 60 C (HDDs)  
**Data Destruction:** 10+ Options Available

A USB3 interface desktop docking bay is available for SATA Drives. This makes it easy to connect drives removed from embedded systems to any computer with a USB port. Moving data for analysis is easy and convenient.

120  
GBytes



1 Slot Blades VPX,  
cPCI Serial, cPCI, VME



1U 19" Rack  
MIL-STD-461



1U 19" Rack  
Commercial, Unshielded



2U 19" Rack  
Commercial, Unshielded



2U 19" Rack  
MIL-STD-461



1/2 ATR  
Compact



1/2 ATR  
Standard



2 Slot Blades VPX,  
cPCI Serial, cPCI, VME



3U 19" Rack  
Custom Front Plate  
MIL-STD-461

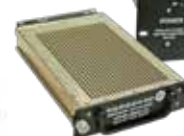
3U 19" Rack  
Unshielded Standard  
Front Plate



3U 19" Rack  
Unshielded



4U 19" Rack  
Custom Front Plate  
MIL-STD-461



4U 19" Rack  
MIL-STD-461  
(Up to 1440 TB)



USB3 Desktop  
Docking Bay

1440  
TBytes

<sup>1</sup>) Maximum Rates for Sequential, Unformatted Data, for Commercial Temp Drives. Test values measured using Iometer (Iometer.org). Formatted data rates will be lower. Random data rates will be lower. Data Rates for Industrial Temp drives (-40 to +85 C will be lower).

Specifications Subject to Change Without Notice