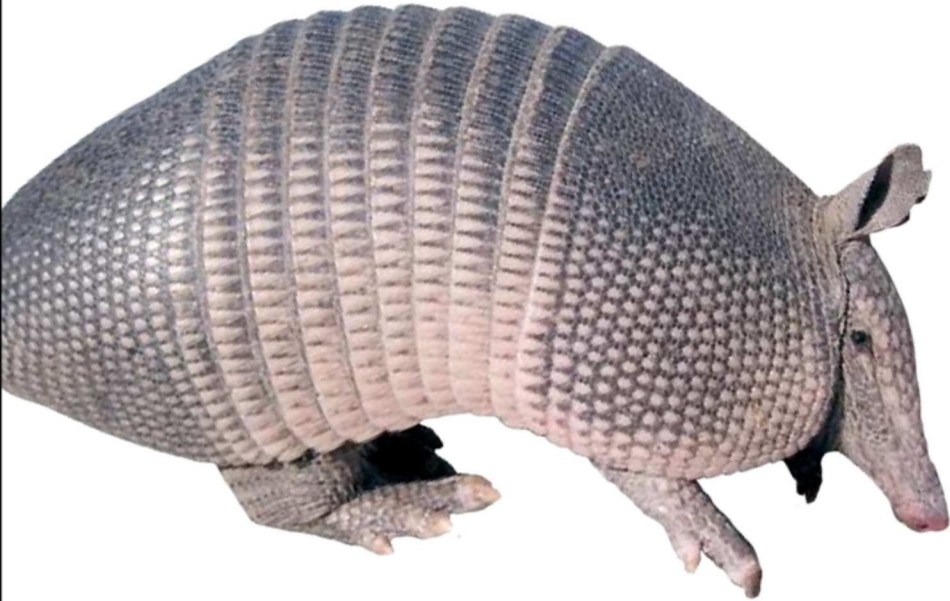


SMALL AND TOUGH PMC FLASH DISKS FOR VME/CPCI



64 GByte
ULTRA ATA
100 MB/SEC




VANGUARD 
RUGGED STORAGE

www.vanguard-rugged.com

SMALL AND TOUGH PMC FLASH DISKS FOR VME/CPCI

SUPER FAST





Interface: Ultra-ATA, 16 bit
Burst Read/Write: 100 MB/sec.
Sustained Read: 45 MB/sec.
Sustained Write: 40 MB/sec.
Bit Error Rate: $< 10^{-20}$
Random Access Time: $< .04 \mu\text{sec.}$

BIG CAPACITY




Flexible Capacities (GB): 1, 2, 4, 8, 12, 16,
24, 32, 40, 48, 56, 64

EXTREME DEGREES




Industrial Operating: 0° to 70°C
Enhanced Operating: -25° to $+75^{\circ}\text{C}$
Military Operating: -40° to $+88^{\circ}\text{C}$
Storage, Non-op: -55° to $+95^{\circ}\text{C}$

MADE TO TAKE IT




Humidity: Conformal coated for
condensing environments
Altitude, Operating: 80,000 ft.
Shock, Operating: 60G, 1/2 sine
Vibration, Operating: 16.3G RMS

BUILT TO LAST




MTBF: 1.5 million hours
True FFScad-Block Management
True FFScdynamic wear leveling
Data integrity during pwr cycling
Read Cycles: unlimited
Write/Erase cycles: > 5 million
Data Stability: > 10 years
Warranty: 5 years

SECURE



Security Erase in seconds
Sanitization Options: NSA 130-2, DoD NISPOM
5220.22-M, Air Force AFSSI 5020, Army 380-19, Navy
NAVSO P-5239-26, IREC (IRIG) 106, customer defined.
Activation: Front panel switch, ATA command,
hardware interrupt line.
Auto-resume after power down

INDUSTRY STANDARD CONFIGURATION



Built in PCI/UATA controller.
IEEE 1386-2001 compliant.
Fits on a single slot VME/CPCI SBC.
Operating system bootable.
+5 volt operation.

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