

TuffDrive® CF

Industrial Grade Compact Flash
128 GB - 64 GB



**Industrial Embedded Technology for
our Interconnected world**

**TuffDrive CF cards are ideal for
industrial automation, networking,
and medical applications that require
a small form factor.**

**Designed, built, and supported in the
U.S. — fortified by locations worldwide.**

Overview

Virtium's TuffDrive® CF CompactFlash cards are designed for the unique capacity, workload and product longevity requirements of a broad range of embedded systems.

As rugged storage solutions, TuffDrive CF products meet MIL-STD-810 standards for shock, vibration and altitude. Virtium backs its world-class storage products with a five-year warranty and delivers the longest product life cycles in the industry.

Applications

TuffDrive CF CompactFlash cards are ideal for industrial automation, networking and medical applications that require high performance in a small, framed, "eject-able" form factor.

An industry standard backed by the CompactFlash Association, CompactFlash is a true workhorse in industrial embedded systems with tens of millions of installations worldwide.

Features

- Standard and industrial temperature
- SMART attribute reporting
- Global static and dynamic wear leveling
- Field upgradeable firmware functionality

Specifications

Interface	PATA / PCMCIA		
Voltage / Power	5v / 1.7W		
UBER	<1 sector error in 1015 bits read		
Environmental	MIL-STD-810F		
Compliance	ATA/ATAPI-8 (ACS-2), FCC, CE, UL, RoHS, WEEE		
Dimensions (mm)	36.4 x 42.8 x 3.3		
Media	SLC		
Operating Temperature	-40° to 85°C		
*Endurance	30X Baseline		
Warranty	5 Years		
	4A8	1x7	1C1
Capacities	128MB to 512MB	1GB to 16GB	32GB to 64GB
CFA Compliance	CFA 3.0	CFA 4.1	CFA 4.1

* Endurance Baseline = one entire drive write per day for the entire warranty period.

Ordering Information

VTDCFBP(C/I)yyy(G/M)-zzz

where:

VTDCFBP = Virtium TuffDrive

(C/I) = Commercial/Industrial operating temp.

yyy = Capacity

(G/M) = Gigabyte / Megabyte

zzz = Virtium proprietary

Virtium manufactures memory and storage solutions for the world's top industrial embedded OEMs. For two decades we have designed, built and supported our products in the USA - fortified by a network of global locations. Our world-class technology and unsurpassed support provide a superior customer experience that continuously results in better industrial embedded products for our increasingly interconnected world.

© Copyright 2018. All rights reserved. Virtium®, vtView®, StorFly® and TuffDrive® are registered trademarks and vtGuard™, vtSecure™ and vtEdge™ are trademarks of Virtium LLC. All other non-Virtium product names are trademarks of their respective companies.



30052 Tomas | Rancho Santa Margarita, CA 92688
Phone: 949-888-2444 | Fax: 949-888-2445

www.virtium.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Virtium:](#)

[VTDCFBPI004G](#) [VTDCFBPI008G](#)