

TuffDrive® CF

Industrial Grade CompactFlash

128MB – 64GB



**Industrial Embedded
Technology for an
Interconnected World**

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



**Designed, programmed, 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 | 1C1 | 1C1 |
| Capacity | 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

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

where:

VTDCFAP = 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.

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