

# HERMES-D Series

Industrial CFast Card (CompactFlash form-factor with SATA Interface)

CF

ATA

MIF

MSF

MUM

MPM

MSM

SSD

UFD

SD

AD

## Product features

- RoHS compliant
- SLC-NAND flash technology
- Compliant with CFast™ Specification V1.0
- CFast Type I form-factor
- 7 pins (data) + 17 pins (power) CFast interface
- Supports SATA I/II (1.5/3.0Gbps) interface
- Data transfer UDMA-6 and backward compatible
- Supports BCH ECC 8 bits per 512 bytes
- Power supply support +3.3V ± 5%
- Capacity supports 2GB, 4GB, 8GB, 16GB and 32GB

## Product specifications

### Compatibility

- CFA 4.1
- Serial ATA Revision 2.6
- ATA/ATAPI-7

### Power consumption

- Power requirement +3.3V ± 5%
- Reading mode 250 mA (Max.)
- Writing mode 300 mA (Max.)
- Idle mode 180 mA (Max.)

### Reliability

- Wear-leveling Static wear-leveling algorithms
- MTBF > 4,000,000 hours
- ECC 8 bits per 512 bytes
- Endurance Greater than 3,000,000 cycles

### Physical specification

- Weight (max.) 10.0 g ± 1 g / 0.35 oz.
- Dimension(W x L x H) 42.8 x 36.4 x 3.5 (mm)

- Conformal coating** Optional for special request

### Warranty

- Standard grade 3 years
- Industrial grade 5 years