

SIMATIC CFast memory card, 128 GB, for IPCs with corresponding slot Further information, quantity and content: See technical data



Figure similar

| General information | |
|---|--|
| Product type designation | CFast memory card |
| Supply voltage | |
| Type of supply voltage | DC |
| Rated value (DC) | 3.3 V; ±5 % |
| Input current | |
| Current consumption (rated value) | 100 mA; Typical |
| Power | |
| Active power input, typ. | 1.1 W; Inactive 0.4 W |
| Memory | |
| Type of memory | CFast Type I |
| Memory size | 128 Gbyte; 1 year (data retention) |
| Speed class | Write speed: up to 200 MB/s (UDMA6), read speed: up to 100 MB/s (UDMA6) |
| Write cycles MLC flash | 8.8; Terabytes, industrial quality |
| Wear leveling (distributed writing) | Yes |
| Write protection switch | No |
| Interfaces | |
| Interfaces/bus type | Serial ATA |
| Standards, approvals, certificates | |
| CE mark | Yes; Certificates, Declaration of Conformity can be downloaded from SIOS, for commodities directly from the manufacturer |
| EAC (formerly Gost-R) | Yes |
| RoHS conformity | Yes |
| Use in hazardous areas | |
| <ul style="list-style-type: none"> • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 1 • IECEx Zone 11 • IECEx Zone 2 • IECEx Zone 22 • cULus Class I Zone 1 • cULus Class I Zone 2, Division 2 • cULus Class II Division 2 • FM Class I Division 2 • FM Class II Division 2 | <ul style="list-style-type: none"> Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. No No Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. |
| Marine approval | |
| <ul style="list-style-type: none"> • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) | <ul style="list-style-type: none"> Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. |

- Det Norske Veritas (DNV)
- Korean Register of Shipping (KRS)
- Lloyds Register of Shipping (LRS)
- Nippon Kaiji Kyokai (Class NK)
- Polski Rejestr Statkow (PRS)
- Chinese Classification Society (CCS)

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Ambient conditions

| | |
|---|--|
| Suited for indoor use | Yes; Always comply with the operating instructions of the target device. |
| Suited for outdoor use | Yes; Always comply with the operating instructions of the target device. |
| Ambient temperature during operation | |
| • min. | 0 °C; Any mounting angle |
| • max. | 55 °C; Any mounting angle |
| Ambient temperature during storage/transportation | |
| • min. | -40 °C |
| • max. | 70 °C |
| Relative humidity | |
| • Operation, max. | 85 % |
| • Condensation permissible | No |

Accessories

| | |
|----------------------|--|
| Function description | fixed mode, multiple partitions possible |
|----------------------|--|

Mechanics/material

| | |
|----------------------------|-----|
| Enclosure material (front) | |
| • Plastic | Yes |

Dimensions

| | |
|-----------|---------|
| Width | 42.8 mm |
| Height | 36.4 mm |
| Thickness | 3.6 mm |

Weights

| | |
|----------------------------|------|
| Weight (without packaging) | 10 g |
| Weight (with packaging) | 20 g |

Other

| | |
|------------------------|---|
| Merchandise | No |
| Manufacturer name | SIEMENS AG |
| Manufacturer's address | Gleiwitzerstraße 555, 90475 Nuremberg, Germany |
| Target devices | Suitable for IPC and HMI devices with the corresponding interfaces (see manual) |
| Note: | bootable, real-time capable, error correction, wear leveling, power loss protection and diagnostics-capable |

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