

SIMATIC CFast memory card, 30 GB, for IPCs and Open Controller with corresponding slot, scope of supply: 1 CFast 30 GB



| General information | |
|---|---|
| Product type designation | CFast memory card |
| Supply voltage | |
| Type of supply voltage | DC |
| Rated value (DC) | 3.3 V; ±5 % |
| Power | |
| Active power input, typ. | 1.3 W; Inactive 0.4 W |
| Memory | |
| Type of memory | CFast Type I |
| Design | Multi-level cell (MLC) |
| Memory size | 30 Gbyte; 1 year (data retention) |
| Speed class | Write speed: up to 45 MBps (UDMA6), read speed: up to 200 MBps (UDMA6) |
| Write cycles MLC flash | 8.8; Terabytes, industrial quality |
| Standards, approvals, certificates | |
| CE mark | Yes |
| 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 | <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>No</p> <p>No</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> |
| Marine approval | |
| <ul style="list-style-type: none"> • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • 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) | <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> <p>Yes; Always comply with the operating instructions of the target device.</p> |

| Ambient conditions | |
|---|---|
| Suited for indoor use | Yes; Always comply with the operating instructions of the target device. |
| Suited for outdoor use | No |
| Ambient temperature during operation | |
| • min. | -40 °C; Any mounting angle |
| • max. | 85 °C; Any mounting angle |
| Ambient temperature during storage/transportation | |
| • min. | -50 °C |
| • max. | 100 °C |
| Relative humidity | |
| • Operation, max. | 85 % |
| • Condensation permissible | No |
| Dimensions | |
| Width | 42.8 mm |
| Height | 36.4 mm |
| Depth | 3.6 mm |
| Weights | |
| Weight, approx. | 10 g |
| Other | |
| Merchandise | No |
| Manufacturer name | SIEMENS AG |
| Manufacturer's address | Gleiwitzerstraße 555, 90475 Nuremberg, Germany |
| Target devices | For SIMATIC HMI devices and IPCs with the appropriate slot |
| Note: | bootable, real-time capable, error correction, wear leveling, power loss protection and diagnostics-capable |

| Classifications | | | |
|-----------------|--------|---------|----------------|
| | | Version | Classification |
| | eClass | 14 | 19-15-07-02 |
| | eClass | 12 | 19-15-07-02 |
| | eClass | 9.1 | 19-15-07-02 |
| | eClass | 9 | 19-15-07-02 |
| | eClass | 8 | 19-15-07-02 |
| | eClass | 7.1 | 19-15-07-02 |
| | eClass | 6 | 19-15-07-02 |
| | ETIM | 10 | EC000192 |
| | ETIM | 9 | EC000192 |
| | ETIM | 8 | EC000192 |
| | ETIM | 7 | EC000192 |
| | IDEA | 4 | 6565 |
| | UNSPSC | 15 | 43-20-20-05 |

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



General Product Approval



last modified:

3/6/2025

