

SIMATIC CFast memory card, 128 GB, for IPCs with corresponding slot, scope of supply: 1 CFast 128 GB



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
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 	<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> <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) 	<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>

- Lloyds Register of Shipping (LRS)
- Nippon Kaiji Kyokai (Class NK)
- Polski Rejestr Statkow (PRS)
- Chinese Classification Society (CCS)

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.

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

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	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

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](#)



last modified:

3/6/2025