

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; $\pm 5\%$
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
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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

last modified:

3/12/2021 