

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
Control elements	
Frame size/design	
• Standard	Yes
• Flat	Yes
Installation type/mounting	
Mounting position	Any, dependent on target device
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	3.3 V
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	
• ATEX Zone 2	Yes; Always comply with the operating instructions of the target device.
• ATEX Zone 22	Yes; Always comply with the operating instructions of the target device.
• IECEx Zone 1	No

• 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	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	
• 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)	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. 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. • max.	0 °C; Any mounting angle 55 °C; Any mounting angle
Ambient temperature during storage/transportation	
• min. • max.	-40 °C 70 °C
Relative humidity	
• Operation, max. • Condensation permissible	85 % No
Operating systems	
pre-installed operating system	
• Windows CE	Yes
Runs under operating system	
• Windows CE • Windows Vista • Windows XP • Windows 7 • Windows 8 • Windows 10 • Linux	No No No Yes Yes Yes Yes
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 incl. packaging	20 g
Scope of supply	
Delivery quantity in pieces	1
Other	
Merchandise	No

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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