

SIMATIC INDUSTRIAL COMPACTFLASH

Product Data Sheet

6ES7648-2BF02-0XH0

Industrial CompactFlash Memory Card

STORAGE CAPACITY	FLASH TECHNOLOGY	CARD FORM FACTOR	SUPPLY VOLTAGE
8 GB	SLC	CompactFlash Type I	3.3 V or 5 V DC, +/-10%

Siemens 6ES7648-2BF02-0XH0 is an 8 GB industrial CompactFlash memory card for SIMATIC HMI devices and industrial PCs with an appropriate slot. It stores the data required by a compatible host application.

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VERIFIED TECHNICAL DATA

Storage capacity	8 GB
Flash technology	SLC
Card form factor	CompactFlash Type I
Supply voltage	3.3 V or 5 V DC, +/-10%
Typical power consumption	1 W
Maximum read speed	36 MB/s, UDMA4
Maximum write speed	16 MB/s, UDMA4
Write endurance	2 million cycles
Data retention	1 year
Operating temperature	-40 to +85 deg C

ADDITIONAL PRODUCT DATA

Storage temperature	-50 to +100 deg C
Operating humidity	85% maximum, noncondensing
Write-protection switch	None
Supported operating systems	Windows CE, Vista, XP, 7 and 8
Boot capability	Bootable

DOCUMENTED USE SETTINGS

Food Manufacturing and Beverage Production: Industrial Food Processing Production.

Packaging Production and Product Handling: Industrial Product Packaging Processes.

Industrial Manufacturing and Assembly Production: Automated Component Assembly Production.

SYSTEM COMPATIBILITY

Integrate 6ES7648-2BF02-0XH0 as the documented industrial compactflash memory card in its compatible SIMATIC Industrial CompactFlash configuration. Match the complete product label, connection arrangement and installed hardware revision before making changes.

PRODUCT EVIDENCE

SIMATIC Industrial CompactFlash Industrial CompactFlash Memory Card; applicable manufacturer document pages 1, 2, 3