



California PC FLASH SD to ATA - Adapter Type II Product Data Sheet

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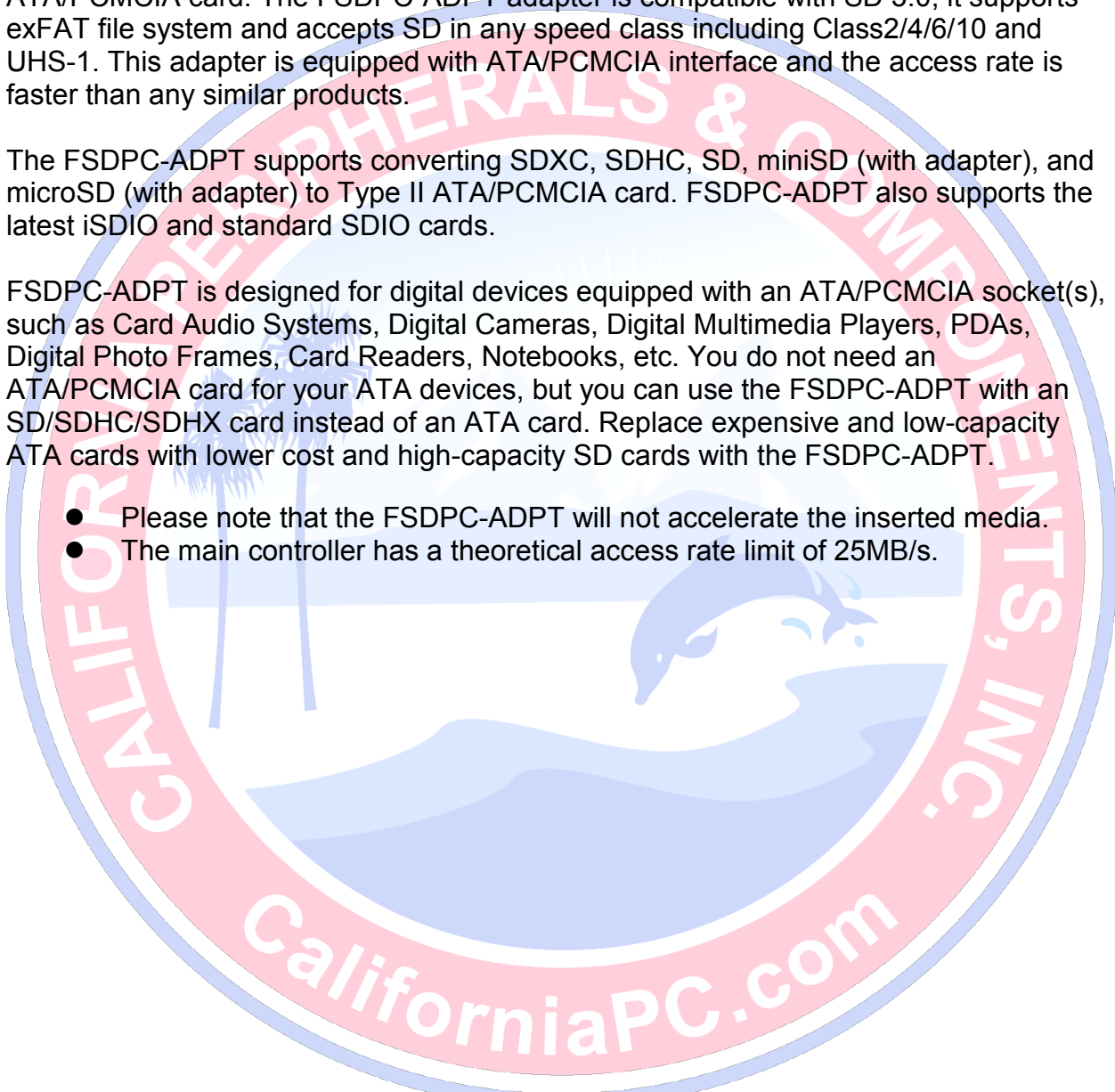


California PC is pleased to offer a solution for converting the SD card to a Type II ATA/PCMCIA card. The FSDPC-ADPT adapter is compatible with SD 3.0; it supports exFAT file system and accepts SD in any speed class including Class2/4/6/10 and UHS-1. This adapter is equipped with ATA/PCMCIA interface and the access rate is faster than any similar products.

The FSDPC-ADPT supports converting SDXC, SDHC, SD, miniSD (with adapter), and microSD (with adapter) to Type II ATA/PCMCIA card. FSDPC-ADPT also supports the latest iSDIO and standard SDIO cards.

FSDPC-ADPT is designed for digital devices equipped with an ATA/PCMCIA socket(s), such as Card Audio Systems, Digital Cameras, Digital Multimedia Players, PDAs, Digital Photo Frames, Card Readers, Notebooks, etc. You do not need an ATA/PCMCIA card for your ATA devices, but you can use the FSDPC-ADPT with an SD/SDHC/SDHX card instead of an ATA card. Replace expensive and low-capacity ATA cards with lower cost and high-capacity SD cards with the FSDPC-ADPT.

- Please note that the FSDPC-ADPT will not accelerate the inserted media.
- The main controller has a theoretical access rate limit of 25MB/s.



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1.1. Features

- SD interface supports SD spec 2.00 / 1.01; supports high speed (Class 10) and normal speed (Class 2/4/6) SDXC, SDHC, and SD.
- SD interface is compatible with SD spec 3.01; accepts UHS-1 speed SDXC and SDHC.
- SD interface supports iSDIO or SDIO.
- SD interface supports SD cards in all capacities.
- SD interface accepts MicroSD or MiniSD with SD Adapter.
- PCMCIA interface is compliant with PC Card Standard 8.0 / PCMCIA 2.1 / JEIDA 4.2.
- ATA / PCMCIA interface is compliant with ATA / ATAPI-6.
- File system supports FAT / FAT32 / exFAT / NTFS.
- Equipped with SPI Flash for firmware update.
- Equipped with push-push type SD socket for easy card insertion / extraction.
- Type II PCMCIA design.
- SD card write-protect function disabled.
- 3 Year Warranty

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1.2. Features

Input Interface	
SD	<ul style="list-style-type: none"> • SD Spec 3.01 compatible • SD Spec 2.00 support • SD Spec 1.01 support • iSDIO support • SDIO support
Output Interface	
PCMCIA (Type II / ATA)	<ul style="list-style-type: none"> • PC Card Standard 8.0 compatible • PCMCIA 2.1 / JEIDA 4.2 compatible • ATA / ATAPI-6 compatible • PC Card Memory Mode / PC Card IO Mode support
Supporting Cards	
SDXC	• All Capacities, Class 2/4/6/10/UHS-1
SDHC	• All Capacities, Class 2/4/6/10/UHS-1
SD	• All Capacities, Class 2/4/6/10
MicroSDXC	• All Capacities, Class 2/4/6/10/UHS-1 (Adapter Required)
MicroSDHC	• All Capacities, Class 2/4/6/10/UHS-1 (Adapter Required)
MicroSD	• All Capacities, Class 2/4/6/10 (Adapter Required)
MiniSDHC	• All Capacities, Class 2/4/6/10/UHS-1 (Adapter Required)
MiniSD	• All Capacities, Class 2/4/6/10 (Adapter Required)
iSDIO	• Eye-Fi / Wireless LAN SD / WiFi SD / WiFi SD Adapter
SDIO	• SDIO Card (Requires additional driver for respective SDIO card)
Supporting File System	
FAT (FAT12 / FAT16) / FAT32 / exFAT (FAT64) / NTFS	
Device String in OS	
SD to ATA/PCMCIA Adapter Device (No specific VID/PID, generic driver supported by OS)	
Safety Approval	
CE / FCC (Under Application)	
Physical Character	
Length	• 85.0 mm
Width	• 54.0 mm
Height	• 5.0 mm
Weight = 25g	

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- Please note that the FSDPC-ADPT cannot support MMC / MMC Plus.
- Before using a card within the exFAT file system with the FSDPC-ADPT adapter, please make sure your ATA/PCMCIA device also supports exFAT; or you may not use them on the ATA/PCMCIA device. If the ATA/PCMCIA device cannot support exFAT, please format the card again with FAT32 or directly format the card with the ATA/PCMCIA device.

Ordering Information:

Part # FSDPC-ADPT

Contact California Peripherals & Components, Inc. for ordering and or pricing information or your preferred distributor. California PC will be pleased to work with any distributor of your choice for small or larger quantities of this adapter. We recommend testing the adapter with the SD, SDHC, and or SDHX card with your equipment and application before ordering large quantities.

You can also order this part online at www.CaliforniaPC.com. Just search for FSDPC-ADPT.

Disclaimer Notice:

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