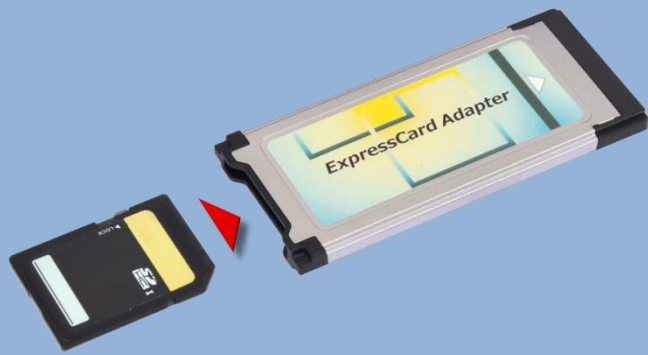# EC823 (ExpressCardto SDXC Card Adapter)

EC823 is an ExpressCard 34 - SD Card adapter.
EC823 is compatible with **SDXC** card up to **2TB** and supporting SD Specification v1.1 (Hi-Speed, SDHS) and v2.0 (SDHC). EC823has the high performance to install ExpressCard slot supportingUSB2.0 high-speed(480Mbps) specification and to insert SD Hi-Speed (**SDHS**) Card with 25MB/s.
SD Card slot is complete built-in type, so **SD card is not exposed** from ExpressCard slot and side of laptop PC.
SDXC compatible Card slot can be added to your laptop PC with ExpressCard 34/54 slot.

Specification

- Main Controller: Genesys Logic GL823
- Secure Digital^{TM} (SD) and MultiMediaCard^{TM} (MMC)
  - Compatible with SDXC (SD Extended Capacity , Up to 2TB)
  - Support SD specification SD2.0 (SDHC, up to 32GB), Compatible to SD1.1 (SDHS/50MHz), SD1.01, SD1.0
  - Support MMC specification v3.x / v4.0 / v4.1 / v4.2 (Bus width: 4bit)
  - Complete Built-In SD Card Slot: No exposure from ExpressCard slot
- ExpressCard1.0 Compliant: USB2.0 interface
  - Compliant with 480Mbps Universal Serial Bus specification rev. 2.0
  - Compliant with USB Storage Class specification rev. 1.0
- Dimension: 34x75x5 (mm) –ExpressCard 34 (Compatible to ExpressCard 54 slot)
- Weight: 35g

System Requirements:

- ExpressCard 34/54 slot with USB interface
- OS:
  Windows 8 (32/64bit)
  Windows 7 (32/64bit)
  - Windows Vista (32/64bit) SP2 or later
  - Window XP (SP3 or later)
  - Mac OS 9.X/10.X
  - Linux Kernel 2.4.x/2.6.x

Notice:
- Maximum speed can be available when SD HghSpeed (SD HS@50MHz) Card is used.

EC823 Package

As a New manufacturer of quality computer connectivity products since 2009/Mar, BPLUS technology brings to market a broad range of upgrade products. These products bridge the connection between Desktop/Notebook systems and external peripherals.

Professional I/O adapter provider

Bplus Technology Co., Ltd.