

How to format large (>4GB) cards to FAT16

SD Cards used with the SMART Card need to be formatted to the FAT16 standard. Ideally you should use a 4GB or smaller card because (by default) Windows will not allow larger cards to be formatted to FAT16 (only FAT32, NTFS etc).

The easiest way to format SD Cards (of all sizes) is to use the Toolkit ROM installed on the SMART Card. To access this, hold the zero key whilst powering up and then select the Toolkit ROM (usually it's the ROM in slot D)

It is also possible to format large cards on the PC. For Windows use the inbuilt Windows tool, "Diskpart" - Please follow the instructions below **carefully** (as you could accidentally mess up your PC if a mistake is made!)

- Press Window+R to open Run.
- Enter: **diskpart**
- (A list of drives is displayed. Look for your SD Card by the size (in MB))
- Enter: **select disk n** (where n is your SD Card's drive number)
- Enter: **list part**
- (Make absolutely sure the drive selected is your SD Card and not any other disk on the PC!)
- Enter: **clean**
- Enter: **create part primary size=4000**
- Enter: **active**
- Close the window then go to Format again. You will now see the option FAT listed (this is FAT16) - select it from the drop down list and format the card.

Instructions for FAT16 formatting on the Mac can be found at: tinyurl.com/macsdfat16