

# Rockwell Automation compactflash and Secure Digital memory cards

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## Question

How do Consumer grade memory cards compare with industrial grade cards offered by Rockwell Automation?

## Answer

Rockwell Automation Industrial Grade flash cards:

- Same certifications and noise immunity as the controller
- Uses Single Level Cell (SLC) technology
- Preferred for mission critical applications
- Better reliability, endurance and performance (>2,000,000 write/erase cycles)

Commercial grade flash cards:

- Difficulties functioning in industrial environments; especially where noise is an issue
- May use Multi Level Cell (MLC) technologies
- Decreased reliability, endurance and performance
- Unknown file system

## Only RA Cards are supported and guaranteed to work with our controllers

Memory Cards offered by Rockwell Automation:

- 1784-CF128, 128 Mb compactflash card
- 1784-SD1 & 1784-SD2 , 1Gb & 2Gb Secure Digital cards

Note: 1784-SD1 1Gb card included with 1756-L7x, CompactLogix 5370 L3, L2 and L1 controllers.

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