



C600 CompactFlash

Product Highlights

- CF 4.1 / 5.0 Compliant, Type I (3.3mm) Standards
- Supports UDMA 6, PIO6 & MDMA6 in True-IDE Mode
- 128MB to 64GB in SLC Flash
- -40 to 85°C Operating Temp
- Read / Write Speeds up to 65/50 MB/s*

**Capacity Dependent*

C600 Series CompactFlash Product Description

Delkin's UDMA 6 CompactFlash cards utilize the latest industrial controller technology to provide the most extensive power interruption and read disturb management available, thereby delivering the ultimate protection for critical data. The UDMA 6 cards are built with high endurance Single Level Cell (SLC) flash, which is ideal for storing mission critical data or write-intensive applications that will be exposed to extreme temperatures. Additionally, the UDMA 6 CompactFlash cards support SMART for monitoring P/E cycles, bad blocks and remaining usage of the card, in order to pre-emptively replace a card prior to end of life.

Delkin controls bills of materials down to the flash, controller and firmware version, so once a part number is qualified, the same configuration will be delivered until its EOL date. And recognizing the value of strong life cycle management, Delkin provides advance notification when a part must eventually be discontinued, offering last time buy opportunities and replacement parts for qualification.

The UDMA 6 CF cards can be customized to meet the unique needs of your application – including custom labels, content & image loading, serialization, conformal coating and custom shock & vibration testing or mechanical adaptations to mitigate severe environmental conditions. Contact Delkin to find out how we can customize cards to meet your requirements.

Click [here](#) to see the other types of CompactFlash cards offered by Delkin, such as the [C400 Series CompactFlash](#), or the [C670 Series Compact Flash](#).

Industrial CompactFlash C600 Series Part Numbers

Capacity	C600 Series SLC Flash
128MB	CE12TQPF3-FD000-D

Capacity	C600 Series SLC Flash
	CE12TQPF3-F1000-D
	CE12TQPF3-XX000-D
	CE12TQPF3-X1000-D
256MB	CE25TQNF3-FD000-D
	CE25TQNF3-F1000-D
	CE25TQNF3-XX000-D
	CE25TQNF3-X1000-D
512MB	CE51TQMF3-FD000-D
	CE51TQMF3-F1000-D
	CE51TQMF3-XX000-D
	CE51TQMF3-X1000-D
1GB	CE0GTQHF3-FD000-D
	CE0GTQHF3-F1000-D
	CE0GTQHF3-XX000-D
	CE0GTQHF3-X1000-D
2GB	CE02TQSF3-FD000-D
	CE02TQSF3-F1000-D
	CE02TQSF3-XX000-D
	CE02TQSF3-X1000-D
4GB	CE04TQSF3-FD000-D
	CE04TQSF3-F1000-D
	CE04TQSF3-XX000-D
	CE04TQSF3-X1000-D
8GB	CE08TQJGS-FD000-D
	CE08TQJGS-F1000-D
	CE08TQJGS-XX000-D
	CE08TQJGS-X1000-D
16GB	CE16TQJGS-FD000-D
	CE16TQJGS-F1000-D
	CE16TQJGS-XX000-D
	CE16TQJGS-X1000-D
32GB	CE32TNKGS-FD000-D
	CE32TNKGS-F1000-D
	CE32TNKGS-XX000-D

Capacity	C600 Series SLC Flash
	CE32TNKGS-X1000-D
64GB	CE64TNJGS-FD000-D
	CE64TNJGS-F1000-D
	CE64TNJGS-XX000-D
	CE64TNJGS-X1000-D

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Technical Specifications

Environment

Operating Temp

-40 to +85°C

Storage Temp

-40 to +125°C

Shock¹

10G, 11msec – Sawtooth Waveform

Vibration²

7.7GRMS

20Hz – 1000Hz @ 0.04 G2/Hz

1000Hz – 2000Hz @ 0.01 G2/Hz

Reliability / Endurance

TBW³

SLC: 937 TBW

MLC: N/A

MTBF

> 2 million hours (0 to +25°C)

> 200,000 hours (60°C)

Capacity Range

SLC

128MB – 64GB

MLC

N/A

Performance⁴

SLC

Sequential Read up to 65MB/s

Sequential Write up to 50MB/s

MLC
N/A