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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ASK A QUESTION

Technical Specifications

Environment

Operating Temp
-40 to +85°C

Storage Temp
-40 to +125°C

Shock[1]
10G, 11msec – Sawtooth Waveform

Vibration[2]
7.7GRMS
20Hz – 1000Hz @ 0.04 G2/Hz
1000Hz – 2000Hz @ 0.01 G2/Hz

Reliability / Endurance

TBW[3]
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

Performance[4]

SLC
Sequential Read up to 65MB/s
Sequential Write up to 50MB/s

MLC
N/A