

CompactFlash

CF Professional FAQs

What is CF 6?

CF 6 is a CompactFlash® memory card specification. This new CF memory card specification allows capacities up to 144PB and measurable speeds up to 167MB/sec. This can be compared to the previous CF 4.1 specification, which only allowed capacities up to 137GB and measurable speeds up to 133MB/sec.

What is UDMA 7?

UDMA 7, which stands for Ultra Direct Mode Access 7, is the latest transfer mode under the UDMA interface. UDMA 7 allows a maximum transfer rate of up to 167MB/sec. This can be compared to the previous UDMA mode, UDMA 6, which allowed transfer rates of up to 133MB/sec.

Parameter	CF 4.1 Specification	CF 5 S
Capacity	Up to 137GB	Up to 144PB
Measurable Speed	Up to 133MB/sec	Up to 167MB/sec
UDMA mode	Up to UDMA 6	Up to UDMA 7

What is VPG-20?



The VPG-20 logo represent adherence to the Video Performance Guarantee-20 specification for professional-quality video. When used with a compatible camera, the VPG-20 logo on a card means that the system has been tested and guaranteed for professional video capture streams at up to 20MB/sec. This enables professional-quality video capture at high frame rates with no dropped frames.

Can I use a CF 6/UDMA 7 CompactFlash memory card with older host devices?

Yes! All Lexar® CF memory cards built with CF 6/UDMA 7 technology can be used with existing CF and CF UDMA devices (backwards compatible).

Pairing your CF 6/UDMA 7 enabled CF memory card with a CF 6/UDMA 7 enabled host device is recommended to fully take advantage of the performance benefits from your CF 6/UDMA 7 enabled memory card.

Which host devices in the market today are UDMA 7 compatible?

The Canon EOS 1D-X is UDMA 7 enabled.

The Canon EOS 7D, EOS 50D, EOS 1D Mark IV and the EOS 5D Mark II can be UDMA 7 enabled through a firmware upgrade.

[Canon EOS 7D firmware upgrade »](#)

[Canon EOS 7D, EOS 50D, EOS 1D Mark IV and the EOS 5D Mark II firmware upgrade »](#)

Which Lexar card readers are compatible with my Lexar Professional 1000x CF memory card?

The Lexar Professional USB Dual-Slot Card Readers are compatible with the Lexar Professional 1000x CF cards. To optimize the card's performance, pair the Lexar Professional 1000x CF card with a Lexar Professional USB 3.0 Dual-Slot Reader, which now supports UDMA 7. A firmware download is essential for 1000x CF card functionality on the older Lexar Professional USB 3.0 dual-slot card reader, and can be downloaded [here](#).

Do Lexar CF cards support the exFAT file system?

Lexar CF cards are shipped formatted with the FAT32 file system. Lexar recommends re-formatting the card in the camera before first use.

What is the benefit of using a Lexar CF 6/UDMA 7 CompactFlash card?

Lexar Professional memory cards accelerate the digital photography workflow. Lexar Professional CompactFlash cards deliver professional level, high-speed performance and reliability, with minimum guaranteed speeds. Capture and store high-quality images and 1080p HD video, and transfer files faster to maximize workflow. Lexar Professional CompactFlash cards include Image Rescue® 4 software and come with a limited lifetime warranty. With Lexar Professional CF cards you can count on high-speed performance to save time, beat your deadline, and gain competitive advantage.