

Compatibility Test - EP CFexpress Type B

● **Camera test case**

Test Case	Camera Test
1	Format Function & Taking Picture after rebooting 1.1. Format CF card 1.2. Reboot and take one picture *10 (maximum size of RAW+JPEG)
2	Power saving mode & Taking Picture 2.1. Enter power save mode then exit. 2.2. Take one picture *1 (maximum size of RAW+JPEG)
3	Continuous shooting for 1 min 3.1. Maximum resolution and data size, ex: RAW+JPEG 3.2. Minimum resolution, ex: JPEG 3000x2000 3.3. Popular resolution, ex: Max resolution JPEG only 3.4. Check the above picture on camera directly 3.5. remove some photo under the camera then go to 3.4 again 3.6. format CF card
4	Record video 2.5 min 4.1. Maximum resolution with different file types: a. 8K max fps DCI *5 4.2. Check the above video on camera directly 4.3. remove some video under the camera then go to 4.2 again 4.4. format CF card then take a photo to check if the CF card is available
5	Record video until the CF card is full or the camera longest record time twice 5.1. (Maximum resolution, ex: 8k,6k,4k,2k...) 5.2. Copy file to disk and check the video is intact
6	APL test 6.1. Unplug CF card: a. unplug the CF card when camera is on b. re-plug the CF card and check if the video or photo data is still exists c. take a photo to check if CF card is available d. loop 10 times 6.2. Unplug CF card while video recording a. unplug the CF card while recording the video b. re-plug the CF card and check if the video or photo data is still exists (Exclude step 6.3 video) c. take a photo to check if CF card is available d. loop 10 times

● **CFexpress 2.0 / PCIe Gen3 x 2 Camera List**

Camera List	256GB	512GB	1TB
Canon EOS R3	PASS	PASS	PASS
Canon EOS R5	PASS	PASS	PASS
Canon EOS R5C	PASS	PASS	PASS
Canon EOS C500 II	PASS	PASS	PASS
Canon EOS C300 III	PASS	PASS	PASS
Nikon Z9	PASS*	PASS	PASS
Nikon Z6 II	PASS	PASS	PASS
Nikon Z7	PASS	PASS	PASS
Nikon D6	PASS	PASS	PASS
Nikon D5	PASS	PASS	PASS
Nikon D500	PASS	PASS	PASS
Nikon D850	PASS	PASS	PASS
Fuji X-H2	PASS	PASS	PASS
Panasonic LUMIX GH6	PASS	PASS	PASS
Panasonic LUMIX S1	PASS	PASS	PASS
Panasonic LUMIX S1R	PASS	PASS	PASS

Note: *Conditional Pass

■ Canon EOS R3 (Highest Video Mode: 6K RAW 60P, 325MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

■ Canon EOS R5 (Highest Video Mode: 8K RAW 30P, 325MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

■ Canon EOS R5C (Highest Video Mode: 8K RAW light 60P, 325MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

■ Canon EOS C500 II (Highest Video Mode: 5.9K RAW 60P, 263MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Canon EOS C300 III (Highest Video Mode: 4K RAW light 120P, 125MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Nikon Z9 (Highest Video Mode: 12-bit RAW 8K 60P, 722.5MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Condition Pass (*1)

Note *1: DDP 4die 256GB CFX speed not enough for record the maximum throughput Video, 12-bit RAW 8K 60P, downgrade to 12-bit RAW 8K 30P can work normally.

- Nikon Z6 II (Highest Video Mode: 4K UHD 60P, 250MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Nikon Z7 (Highest Video Mode: 4K UHD 30P, 18MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Nikon Z7 II (Highest Video Mode: 4K UHD 60P, 45MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Nikon D6 (Highest Video Mode: 4K UHD 30P, 18MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Nikon D5 (Highest Video Mode: 4K UHD 30P)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Nikon D500 (Highest Video Mode: 4K UHD 30P)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Nikon D850 (Highest Video Mode: 4K UHD 30P)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Fuji X-H2 (Highest Video Mode: 4K UHD 120P)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Panasonic LUMIX GH6 (Highest Video Mode: ProRes 6K 30P ProRes C4K 60P, 237.5MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Panasonic LUMIX S1 (Highest Video Mode: 4K UHD 60P, 150MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- Panasonic LUMIX S1R (Highest Video Mode: 4K UHD 60P, 150MB/s)

Capacity	Status
1TB	Pass
512GB	Pass
256GB	Pass

- **CFexpress 4.0 / PCIe Gen4 x 2 Camera List**

Camera List	2TB	4TB
Canon 1D	PASS	NOT SUPPORT
Canon R3	PASS	NOT SUPPORT
Canon R5	PASS	NOT SUPPORT
Canon R5C	PASS	NOT SUPPORT
Canon C500	PASS	NOT SUPPORT
Canon C300	PASS	NOT SUPPORT
Nikon Z9	PASS	/
Nikon Z8	/	PASS
Nikon Z7	/	PASS
Nikon Z7 II	PASS	PASS
Nikon Z6 II	PASS	/
Nikon D6	/	PASS
Nikon D5	/	PASS
Nikon D500	/	PASS
Nikon D850	/	PASS
Fuji X-H2s	PASS	/
LUMIX GH6	PASS	NOT SUPPORT

- Canon EOS 1DX III (Highest Video Mode: 5.5K RAW 60P)

Capacity	Status
2TB	Pass
4TB	Not support 4TB

- Canon EOS R3 (Highest Video Mode: 6K RAW 60P, 325MB/s)

Capacity	Status
2TB	Pass
4TB	Not support 4TB

- Canon EOS R5 (Highest Video Mode: 8K RAW 30P, 325MB/s)

Capacity	Status
2TB	Pass
4TB	Not support 4TB

Note: *1. When recording, the camera is easy to overheat and shut down

- Canon EOS R5C (Highest Video Mode: 8K RAW light 60P, 325MB/s)

Capacity	Status
2TB	Pass
4TB	Not support 4TB

- Canon EOS C500 II (Highest Video Mode: 5.9K RAW 60P, 263MB/s)

Capacity	Status
2TB	Pass
4TB	Not support 4TB

- Canon EOS C300 III (Highest Video Mode: 4K RAW light 120P, 125MB/s)

Capacity	Status
2TB	Pass
4TB	Not support 4TB

- Nikon Z9 (Highest Video Mode: 12-bit RAW 8K 60P, 722.5MB/s)

Capacity	Status
2TB	Pass
4GB	/

- Nikon Z8 (Highest Video Mode: 8.3K UHD 60P)

Capacity	Status
2TB	/
4TB	Pass

Note: *1. When recording, the card occurs Hot card after 8mins. the camera is easy to overheat and shut down after 17min

- Nikon Z7 (Highest Video Mode: 4K UHD 30P, 18MB/s)

Capacity	Status
2TB	/
4TB	Pass

- Nikon Z7 II (Highest Video Mode: 4K UHD 60P, 45MB/s)

Capacity	Status
2TB	Pass
4TB	Pass

Note: *1. When recording, the camera is easy to overheat and shut down

- Nikon Z6 II (Highest Video Mode: 4K UHD 60P, 45MB/s)

Capacity	Status
2TB	Pass
4TB	/

- Nikon D6 (Highest Video Mode: 4K UHD 30P, 18MB/s)

Capacity	Status
2TB	/
4TB	Pass

- Nikon D5 (Highest Video Mode: 4K UHD 30P)

Capacity	Status
2TB	/
4TB	Pass

- Nikon D500 (Highest Video Mode: 4K UHD 30P)

Capacity	Status
2TB	/
4TB	Pass

- Nikon D850 (Highest Video Mode: 4K UHD 30P)

Capacity	Status
2TB	/
4TB	Pass

- Fuji X-H2s (Highest Video Mode: 4K UHD 120P)

Capacity	Status
2TB	Pass
4TB	/

- Panasonic LUMIX GH6 (Highest Video Mode: ProRes 6K 30P ProRes C4K 60P, 237.5MB/s)

Capacity	Status
2TB	Pass
4TB	Not Support 4TB