

CFexpress / CFast / CompactFlash

Card Compatibility Guide

✓ Recommended by the camera manufacturer

★ Tested by Lexar



Camera Brand	Camera Model	CFexpress 4.0 DIAMOND Type B	CFexpress 4.0 GOLD Type B	CFexpress 4.0 SILVER Type B	CFexpress DIAMOND Type B	CFexpress GOLD Type B	CFexpress SILVER Type B	CFexpress 4.0 GOLD Type A	CFexpress GOLD Type A	CFexpress SILVER Type A	3500x CFast	1066x CompactFlash
Canon	EOS R5 Mark II	✓	✓	✓	✓							
	EOS R1	✓	✓	✓	✓	✓	✓					
	EOS R3	✓	✓	✓	✓	★	✓					
	EOS R5	✓	✓	✓	✓	★	✓					
	EOS R5 C	✓	✓	✓	✓	★	✓					
	EOS 1D X Mark III	✓	✓	✓	✓	★	✓					
	EOS C500 Mark II	✓	✓	✓	✓	✓	✓					
	EOS C300 Mark III	✓	✓	✓	✓	✓	✓					
	EOS C700										✓	
	EOS C300 II										✓	
	XC15										✓	
	XC10										✓	
	EOS 1D X Mark II										✓	✓
	EOS 1D X											✓
	EOS 5D Mark IV											✓
	EOS 5DS / EOS 5DS R											✓
	EOS 7D Mark II											✓
Sony	Alpha 9 III							✓	✓			
	Alpha 1 II							✓	✓			
	Alpha 7R V							✓	✓	✓		
	Alpha 7 IV							✓	✓	✓		
	Alpha 7S III							✓	✓	✓		
	Alpha 1							✓	✓	✓		
	FX30							✓	✓	✓		
	FX3							✓	✓	✓		
	FX6							✓	✓	✓		
Nikon	Z 6III	✓	✓	✓	✓	★	✓					
	Z 8	✓	✓	✓	✓	★						
	Z 9	✓	✓	✓	✓	★						
	Z 7II	✓	✓	✓	✓	★	✓					
	Z 6III	✓	✓	✓	✓	★	✓					
	Z 7	✓	✓	✓	✓	★	✓					
	Z 6	✓	✓	✓	✓	★	✓					
	D 6	✓	✓	✓	✓	★	✓					
	D850	✓	✓	✓	✓	★	✓					
	D5	✓	✓	✓	✓	★	✓					✓
	D500	✓	✓	✓	✓	★	✓					
Panasonic	GH7	✓	✓	✓								
	GH6	✓	✓	✓	✓	★	✓					
	S1	✓	✓	✓	✓	★	✓					
	S1R	✓	✓	✓	✓	✓	✓					
Black Magic	PYXIS 6K	✓	✓	✓								
	Cinema Camera 6K	✓	✓	✓	★	★	★					
	Pocket Cinema Camera 6K										★	
	Pocket Cinema Camera 4K										★	
	URSA Mini Pro 12K										★	
	URSA Mini Pro 4.6K G2										✓	
	URSA Broadcast										✓	
DJI	Ronin 4D	✓	✓	✓	✓	★	✓					
Fujifilm	GFX 100 II	✓	✓	✓	★	★	★					
	X-H2S	✓	✓	✓	★	★	✓					
	X-H2	✓	✓	✓	★	★	✓					
RED	V-RAPTOR	✓	✓	✓	✓	★						
	V-RAPTOR XL	✓	✓	✓	✓	★						
	KOMODO-X					★						

*Please visit the camera manufacturers’ website for specific recommended capacities.

CFexpress Card

Compatibility & Supported Video Format

Camera Brand	Camera Model	Compatibility	Camera FW	Supported Video Format	
Canon	EOS R3	CFexpress™ 4.0 Type B DIAMOND & GOLD & SILVER series	/	6K RAW/ 6K/ 4K	
	EOS R1			6K RAW/ 6K/ 4K	
	EOS R5 Mark II			8K RAW / 8K / 6K / 4K / Full HD	
	EOS R5			8K RAW / 8K / 6K / 4K / Full HD	
	EOS R5 C			8K RAW / 8K / 6K / 4K / Full HD	
	EOS 1D X Mark III			5.5K RAW / 4K / Full HD	
	EOS C500 Mark II			6K RAW / 4K RAW / Full HD	
	EOS C300 Mark III			4K RAW / Full HD	
Sony	Alpha 9 III	CFexpress™ 4.0 Type A GOLD	/	4K / Full HD	
	Alpha 1 II	CFexpress™ 4.0 Type A GOLD & SILVER series		8K / 4K / Full HD	
	Alpha 7R V			8K/ 4K / Full HD	
	Alpha 7 IV			4K / Full HD	
	Alpha 7S III			4K UHD / Full HD	
	Alpha 1			8K / 4K / Full HD	
	FX30			Upgrade to FW 3.00 or higher	4K UHD/ Full HD
	FX6			Upgrade to FW 4.00 or higher	4K UHD/ Full HD
	FX3			4K / Full HD	
Nikon	Z 8		CFexpress™ 4.0 Type B DIAMOND & GOLD series	Update FW 2.0 or higher	8K RAW / 4K UHD / Full HD
	Z 9	8K RAW / 4K UHD / Full HD			
	Z6 III	/		6K RAW/ 4K UHD /FULL HD	
	Z 6/ Z 7	CFexpress™ 4.0 Type B DIAMOND & GOLD & SILVER series	Update FW 3.0 or higher	4K UHD / Full HD	
	Z 6II/ Z 7II		/	4K UHD / Full HD	
	D5		Update FW C1.40 or higher	4K UHD / Full HD	
	D500		Update FW C1.30 or higher	4K UHD / Full HD	
	D850		Update FW C1.20 or higher	4K UHD / Full HD	
	D6		Upgrade to FW 1.60 or higher	4K UHD / Full HD	
Panasonic	GH7	CFexpress™ 4.0 Type B DIAMOND & GOLD & SILVER series	/	5.8K / 4K / Full HD	
	GH6		Upgrade to FW 1.60 or higher	4K UHD / Full HD	
	S1			4K UHD / Full HD	
	S1R		Update FW C1.20 or higher	8K / 4K / Full HD	
DJI	Ronin 4D	CFexpress™ 4.0 Type B DIAMOND & GOLD & SILVER series	/	8K / 4K / Full HD	
Fujifilm	GFX 100(S) II	CFexpress™ 4.0 Type B DIAMOND & GOLD series	/	6K / 4K / Full HD	
	X-H2S			8K / 4K / Full HD	
	X-H2			8K / 4K / Full HD	
RED	V-RAPTOR	CFexpress™ 4.0 Type B DIAMOND & GOLD series	/	8K / 4K / Full HD	
	V-RAPTOR XL			8K / 4K / Full HD	
	KOMODO-X			8K / 4K / Full HD	

Rigorously tested

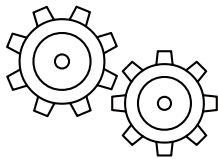
All Lexar products undergo extensive testing in the Lexar Quality Labs, facilities with thousands of different cameras and digital devices to ensure performance, quality, compatibility, and reliability. All Lexar memory cards have been tested under a variety of tough conditions. These cards are proved to be water resistance, temperature-resistance and drop resistance. For additional information on product, warranty or return information go to <https://www.lexar.com/support/>



Quality



Performance



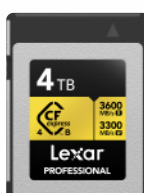
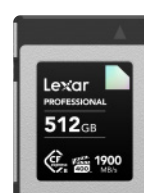
Compatibility



Reliability

Quick Guide to Choosing the Right Card



							
	CFexpress 4.0 DIAMOND Type B	CFexpress 4.0 GOLD Type B	CFexpress 4.0 SILVER Type B	CFexpress DIAMOND Type B	CFexpress GOLD Type B		CFexpress SILVER Type B
Capacity	1TB	512GB - 4TB	1TB	128GB - 512G	1TB - 2TB	128GB - 512GB	128GB-1TB
Video Performance Guarantee	VPG400	-	-	VPG400	-	-	-
Read speed of up to	3700 MB/s	3600 MB/s	3600 MB/s	1900 MB/s	1900 MB/s	1750 MB/s	1750 MB/s
Write speed of up to	3400 MB/s	3300 MB/s	3000 MB/s	1700 MB/s	1500 MB/s	1500 MB/s	1300 MB/s
Min. Sustained write speed	3300 MB/s	3000 MB/s	2600 MB/s	1600 MB/s	1300 MB/s	1000 MB/s	1TB: 1200 MB/s 512GB: 850 MB/s (128GB-256GB: 480MB/s)
8K RAW Video (≥ 5600 Mbps Bitrates)	✓	✓	—	✓	✓		—
8K/6K/4K RAW Video (≤ 5600 Mbps Bitrates)	✓	✓	✓	✓	✓		✓
The fastest MINIMUM SUSTAINED write speeds	✓	—	—	✓	—		—
Photos with burst mode	✓	✓	✓	✓	✓		✓
Photos	✓	✓	✓	✓	✓		✓
Recommend for XQD models (Require firmware upgrade)	✓	✓	✓	✓	✓		✓
Large capacity available		✓ (Up to 4TB)			✓ (Up to 2TB)		

			
	CFexpress 4.0 GOLD Type A	CFexpress GOLD Type A	CFexpress SILVER Type A
Capacity	640GB - 1TB	80GB - 320GB	160GB - 320GB
Video Performance Guarantee	VPG400	VPG400	VPG200
Read speed of up to	1800 MB/s	900 MB/s	800 MB/s
Write speed of up to	1650 MB/s	800 MB/s	700 MB/s
Min. Sustained write speed	1400 MB/s	700 MB/s	600 MB/s
4K RAW/6K/8K Video	✓	✓	✓
The fastest MINIMUM SUSTAINED write speeds	✓	—	—
Photos with burst mode	✓	✓	✓
Photos	✓	✓	✓
Sony camera-compatible(Test by Lexar)	✓	✓	✓

More tips to choose the right card:

- **A useful tip for the CFexpress and SD dual-slot cameras:** Each application or file format requires different memory card. Suggest choosing the memory card based on the camera manufactures’ user manual. For instance, Canon R5 Mark II, Sony FX3, FX6, Alpha 9 II, Alpha 7C II, Alpha 1 and Alpha 7R V.