



Product Guide

Inspiration to Innovation

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CFexpress 4.0 Type A



Essential Pro Max



1 TB

512 GB

256 GB

Max. Speed

Read: 1,800 MB/s

Write: 1,800 MB/s

Sustained Speed

Read: 1,750 MB/s

Write: 1,750 MB/s *1TB / 512GB

900 MB/s *256GB



- Certified for both VPG800 and VPG400 video speed performance standards
- Forward compatible with cameras and card readers supporting CFexpress 2.0 slots
- Supports recording of all video formats across all Sony camera models

Essential Pro



1 TB

512 GB

256 GB

Max. Speed

Read: 1,800 MB/s

Write: 1,650 MB/s

Sustained Speed

Read: 1,800 MB/s

Write: 1,650 MB/s *1TB

850 MB/s *512GB / 256GB



- VPG400-certificated to guarantee a minimum 400 MB/s write speed
- Support up to 12K RAW recording
- Fully compatible with existing camera systems utilizing CFexpress Type A: Sony α1, α7 IV, α7R V, α7S III, α9 III, FX3, FX6, and FX30

CFexpress 2.0 Type A



Essential



1 TB

480 GB

360 GB

240 GB

180 GB

120 GB

Max. Speed

Read: 900 MB/s *1TB / 480GB / 360GB
800 MB/s *240GB / 180GB / 120GB
Write: 850 MB/s *1TB
800 MB/s *480GB / 360GB
700 MB/s *240GB / 180GB / 120GB

Sustained Speed

Read: 900 MB/s *1TB / 480GB / 360GB
800 MB/s *240GB / 180GB / 120GB
Write: 850 MB/s *1TB
700 MB/s *480GB / 360GB
550 MB/s *120GB
450 MB/s *180GB
400 MB/s *240GB



- VPG200-certified to guarantee a minimum 200 MB/s write speed
- Support up to 8K RAW recording
- Fully compatible with existing camera systems utilizing CFexpress Type A: Sony α1, α7 IV, α7R V, α7S III, α9 III, FX3, FX6, and FX30

CFexpress 4.0 Type B



Essential Pro Max



2 TB

1 TB

Max. Speed

Read: 3,500 MB/s

Write: 3,500 MB/s *2TB

3,300 MB/s *1TB

Sustained Speed

Read: 3,500 MB/s

Write: 2,800 MB/s *2TB

1,800 MB/s *1TB



- Certified for the VPG1600 video speed performance standard
- Forward compatible with cameras and card readers supporting CFexpress 2.0 slots
- Supports recording of multiple RAW formats including CinemaRAW, N-RAW, Apple ProRes RAW, and R3D
- Aluminum alloy casing effectively enhances heat dissipation

CFexpress 4.0 Type B



Nitro Pro



1 TB

512 GB

Max. Speed

Read: 3,750 MB/s

Write: 3,400 MB/s

Sustained Speed

Read: 3,500 MB/s

Write: 3,300 MB/s



- Flagship CFexpress 4.0 for cinema professional and enthusiasts
- Ideal for continuous 12K/8K RAW recording and burst mode photography
- VPG400-certified to guarantee a minimum 400 MB/s write speed
- Aluminum casing for improved heat dissipation and extended operating temperature range: -30°C to 85°C
- pSLC technology for enhanced endurance, performance, and power efficiency
- IP67 water and dust proof

CFexpress 4.0 Type B



Essential Pro



2 TB

1 TB

512 GB

256 GB

Max. Speed

Read: 3,750 MB/s *2TB / 1TB / 512GB

3,700 MB/s *256GB

Write: 3,350 MB/s *2TB / 1TB / 512GB

3,150 MB/s *256GB

Sustained Speed

Read: 3,500 MB/s *2TB / 1TB / 512GB

3,400 MB/s *256GB

Write: 3,000 MB/s *2TB

1,750 MB/s *1TB / 512GB

900 MB/s *256GB



- Premium CFexpress 4.0 for cinema professional and enthusiasts
- Ideal for continuous 12K/8K RAW recording and burst mode photography
- VPG400- certified to guarantee a minimum 400 MB/s write speed
- Aluminum casing for improved heat dissipation

Element Pro



2 TB

1 TB

512 GB

256 GB

Max. Speed

Read: 3,500 MB/s

Write: 3,100 MB/s *2TB / 1TB

2,800 MB/s *512GB

1,400 MB/s *256GB

Sustained Speed

Read: 3,400 MB/s *2TB / 1TB

3,300 MB/s *512GB / 256GB

Write: 2,500 MB/s *2TB

1,750 MB/s *1TB

900 MB/s *512GB

450 MB/s *256GB



- Best starter CFexpress 4.0 for cinema professionals and enthusiasts upgrading from CFexpress 2.0 Type B or SDXC
- Ideal for continuous 12K/8K RAW recording and burst mode photography

CFexpress 2.0 Type B



Nitro



1 TB

512 GB

Max. Speed

Read: 1,850 MB/s

Write: 1,700 MB/s

Sustained Speed

Read: 1,850 MB/s

Write: 1,700 MB/s



- Flagship CFexpress for true cinema professionals
- Ideal for continuous 12K/8K RAW recording and burst mode photography
- VPG400-certified to guarantee a minimum 400 MB/s write speed
- IP67-rated against water and dust

Essential



2 TB

1 TB

512 GB

256 GB

128 GB

Max. Speed

Read: 1,800 MB/s

Write: 1,700 MB/s *2TB / 1TB / 512GB / 256GB

1,400 MB/s *128GB

Sustained Speed

Read: 1,800 MB/s

Write: 1,400 MB/s *2TB / 1TB / 512GB

900 MB/s *256GB

450 MB/s *128GB



- Premium CFexpress for cinema professionals and enthusiasts
- Ideal for continuous 8K RAW recording and burst mode photography

Vigor



1 TB

512 GB

256 GB

Max. Speed

Read: 1,800 MB/s

Write: 1,700 MB/s

Sustained Speed

Read: 1,800 MB/s

Write: 1,700 MB/s *1TB / 512GB

900 MB/s *256GB



- Premium CFexpress for cinema professionals and enthusiasts
- Low power consumption design, ideal for continuous 8K RAW recording, such as Nikon Z8 and Canon R5II.

Element



1 TB

512 GB

256 GB

Max. Speed

Read: 1,800 MB/s

Write: 1,400 MB/s *1TB

1,200 MB/s *512GB / 256GB

Sustained Speed

Read: 1,800 MB/s

Write: 1,200 MB/s *1TB

900 MB/s *512GB

450 MB/s *256GB



- Best starter CFexpress for cinema professionals and enthusiasts upgrading from SDXC
- Ideal for continuous 8K RAW recording and burst mode photography

Archon



2 TB

1 TB

Max. Speed

Read: 1,700 MB/s

Write: 1,600 MB/s

Sustained Speed

Read: 1,700 MB/s

Write: 1,600 MB/s



- RED-approved CFexpress Type B
- Ideal for continuous 8K RAW recording and burst mode photography
- Engineered for RED V-RAPTOR, V-RAPTOR XL and KOMODO-X

Essential



1 TB

512 GB

256 GB

128 GB

Max. Speed

Read: 550 MB/s

Write: 530 MB/s

Sustained Speed

Read: 520 MB/s

Write: 520 MB/s *1TB

400 MB/s *512GB

300 MB/s *256GB

180 MB/s *128GB



- CFast 2.0 for cinema professionals
- VPG130-certificated to guarantee a minimum 130 MB/s write speed
- Ideal for continuous 4K recording

Archon



1 TB

512 GB

Max. Speed

Read: 560 MB/s

Write: 500 MB/s

Sustained Speed

Read: 560 MB/s

Write: 500 MB/s



- RED-approved CFast 2.0
- Engineered for RED KOMODO 6K

ZCAM



1 TB

512 GB

256 GB

128 GB

Max. Speed

Read: 520 MB/s

Write: 500 MB/s

Sustained Speed

Read: 520 MB/s

Write: 500 MB/s *1TB

400 MB/s *512GB

250 MB/s *256GB

180 MB/s *128GB



- Z CAM-certified CFast 2.0
- Engineered for Z CAM E2 series

SDXC UHS-II V90



Catalyst



256 GB

128 GB

64 GB

Max. Speed

Read: 300 MB/s

Write: 280 MB/s



- V90-rated SDXC for professionals
- Ideal for 8K recording and burst mode photography

Essential



256 GB

128 GB

64 GB

Max. Speed

Read: 300 MB/s

Write: 260 MB/s



- V90-rated SDXC for professionals
- Ideal for 8K recording and burst mode photography

SDXC UHS-II V60



Catalyst



512 GB

256 GB

128 GB

Max. Speed

Read: 280 MB/s

Write: 150 MB/s *512 GB

180 MB/s *256 GB

100 MB/s *128 GB



- V60-rated SDXC for professionals and photography enthusiasts
- Ideal for continuous 8K recording and burst mode photography

Titanium



256 GB

128 GB

Max. Speed

Read: 180 MB/s

Write: 150 MB/s



- Features a rugged metal housing that resists bending and cracking
- Utilizes DDR200 technology to achieve read speeds up to 180MB/s and write speeds up to 150MB/s
- Supports recording of 8K/6K/5.7K/4K video formats already available in interchangeable-lens cameras

Catalyst



1 TB

512 GB

256 GB

128 GB

64 GB

Max. Speed

Read: 180 MB/s

Write: 150 MB/s



- V30-rated SDXC designed to meet the everyday photography needs of users of all levels
- Ideal for 4K/Full HD recording
- Supports DDR200

Essential



128 GB

64 GB

Max. Speed

Read: 170 MB/s

Write: 140 MB/s



- V30-rated SDXC designed to meet the everyday photography needs of users of all levels
- Ideal for 4K/Full HD recording
- Supports DDR200

Element



128 GB

64 GB

Max. Speed

Read: 100 MB/s

Write: 80 MB/s



- V30-rated SDXC, perfect starter choice for users with light demands
- Ideal for 4K/Full HD recording

Catalyst



256 GB

128 GB

Max. Speed

Read: 280 MB/s

Write: 180 MB/s *256 GB

100 MB/s *128 GB



- Delivers read speeds up to 280MB/s via UHS-II interface, significantly enhancing post-production transfer efficiency
- Complies with V60 video speed class, supporting 4K-8K resolution video recording
- Compatible with action cameras and drones from multiple brands, including DJI, Insta360, and GoPro

Catalyst



1 TB

512 GB

256 GB

128 GB

64 GB

Element



128 GB

Max. Speed

Read: 175 MB/s *1 TB / 512 GB / 256 GB / 128 GB
170 MB/s *64 GB

Write: 150 MB/s *1 TB / 512 GB / 256 GB / 128 GB
140 MB/s *64 GB



- V30-rated SDXC designed to meet the everyday photography needs of users of all levels
- Ideal for 4K/Full HD recording
- Supports DDR200
- Fully compatible with drones, GoPros, Insta360, and other action cameras

Max. Speed

Read: 100 MB/s
Write: 40 MB/s



- V30-rated microSDXC, perfect starter choice for users with light demands
- Ideal for 4K/Full HD recording
- Fully compatible with drones, GoPros, Insta360, and other action cameras



Max. Speed

Read: 3,100 MB/s

Write: 3,000 MB/s

Sustained Speed

Read: 3,100 MB/s

Write: 3,000 MB/s



- IP68-rated against water and dust
- Magnet design with two metal stickers, allowing for easy mounting on PC or other devices
- Comes with 40Gbps USB-C to USB-C cable
- Five-year warranty and factory data recovery service

Gecko

≡ 20
Gbps



8 TB

4 TB

2 TB

1 TB

Max. Speed

Read: 2,000 MB/s *8TB / 4TB

1,700 MB/s *2TB / 1TB

Write: 2,000 MB/s *8TB / 4TB

1,600 MB/s *2TB / 1TB

Sustained Speed

Read: 2,000 MB/s *8TB / 4TB

1,700 MB/s *2 TB / 1TB

Write: 2,000 MB/s *8 TB / 4TB

1,600 MB/s *2 TB / 1TB



- Quick-release design allows for easy, secure attachment to cameras
- IP68-rated against water and dust
- Rugged shockproof design
- Comes with 20 Gbps USB-C to USB-C & USB-A hybrid cable and silicon rubber case
- Five-year warranty and factory data recovery service



reddot winner 2023



Explorer

= 20
Gbps



8 TB

4 TB

2 TB

1 TB

Max. Speed

Read: 2,000 MB/s *8TB / 4TB

1,700 MB/s *2TB / 1TB

Write: 2,000 MB/s *8TB / 4TB

1,600 MB/s *2TB / 1TB

Sustained Speed

Read: 2,000 MB/s *8TB / 4TB

1,700 MB/s *2TB / 1TB

Write: 2,000 MB/s *8TB / 4TB

1,600 MB/s *2TB / 1TB



- IP68-rated against water and dust
- Rugged shockproof design
- Comes with 20 Gbps USB-C to USB-C & USB-A hybrid cable and silicon rubber case
- Five-year warranty and factory data recovery service

Element

20
Gbps



4 TB

2 TB

1 TB

Max. Speed

Read: 2,000 MB/s

Write: 2,000 MB/s



- Magnet design with two metal stickers, allowing for easy mounting on phone, PC or other devices
- Lightweight at 45g
- Supports direct recording of 4K 60FPS ProRes videos on iPhone 15 Pro, Pro Max, and newer models
- Comes with 20 Gbps USB-C to USB-C & USB-A hybrid cable and metal stickers
- Five-year warranty

Card Reader – USB4

Nitro – Type A



CFexpress Type A
USB4 40 Gbps
PCIe Gen4 x2

Nitro – Type B



CFexpress Type B
USB4 40 Gbps
PCIe Gen4 x2

Card Reader - 4-in-1

Essential



CFexpress Type B / SDXC / SD Express / microSD (with adapter)
USB3.2 10Gbps

Card Reader – CFexpress

Type B – single slot



CFexpress Type B
USB3.2 20Gbps

Card Reader – CFast / SD



CFast 2.0
USB3.2 10Gbps



SD / microSD
UHS-II speed: 300 MB/s
UHS-I speed: 180 MB/s
USB 3.2 Gen 1

Accessory

Adapter



CFexpress Type A to Type B
Interface: PCIe 4.0

USB-C Cable



USB3.2 20Gbps

Exascend Ecosystem



Media storage



Media transfer & offload



Postproduction storage



Stay Connected with Us



Compatibility



Scan to check the full camera systems and post-production equipment compatibility list for Exascend's products.

Warranty Policy



Scan to learn about our Return Merchandise Authorization (RMA) Limited Warranty Policy and Warranty Terms



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