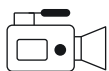**Ultra-Performance for Advanced Users**
Up to 1500MB/s write / 1700MB/s read workflow dependable speeds

Highest Quality Video Recording
Capture up to 8K RAW footage

Ultimate Fast Action Capture
Shoot continuous ultra-high resolution burst photo sequences with minimum 1300MB/s sustained write speed

Proven Premium Quality and Compatibility
Extended time tested in highest settings of cinema cameras

OWC Atlas Ultra CFexpress

The Fastest, Most Reliable CFexpress Card

When you need the fastest, most reliable CFexpress card, the Atlas Ultra CFexpress is ready to take you to the edge. With incredibly high 1300MB/s minimum sustained write speeds, this is the perfect media card for pro filmmakers or extreme action photographers to unleash their cameras capabilities.

Professional filmmakers can capture amazingly life-like 8K RAW video in slow-motion with cinema cameras like the Nikon Z9, Canon R5C, RED V-Raptor, and V-Raptor XL. As a testament to its quality, the Atlas Ultra CFexpress both in 325GB and 650GB capacities, is one of only several media cards that meets RED Digital Cinema's stringent test standards and has been officially approved for use with their RED V-Raptor and V-Raptor XL Cinema cameras. A 165GB capacity version is ideal for advanced sports and wildlife photographers seeking the fastest, most cost-effective solution to clear their camera buffer and/or shoot continuously in ultra-high resolution burst mode.

Thanks to an extremely thorough quality control process, you can work fearlessly knowing that your Atlas Ultra CFexpress card will flawlessly deliver the speed and data integrity you need when you only have one chance to capture the moment. Cards are stressed to their limit in the highest settings of high-end cameras and results are meticulously monitored to ensure your card will consistently deliver peak performance. Quality in, quality output. The Atlas Ultra CFexpress is the difference-maker for your demanding high-end workflows.

Key Features

- Ultra-speed: Up to 1500MB/s write and 1700MB/s read real-world speeds for the most advanced uses cases of professional content creators including fast burst RAW image sequences and high bitrate video recording up to 8K [1]

- Dependable: Delivers 1300MB/s minimum sustained write speed

- Supportive: Fully compatible with a wide variety of DSLR and mirrorless cameras

- Compliant: Fully meets CFexpress Type B 1.0 and 2.0 specifications

- Tough: Impact, bend, shock, ESD, UV ray, and x-ray resistant

- Worry-free: 3 Year OWC Limited Warranty

"The OWC Atlas Ultra cards allow me to take more images, faster with total confidence that my work is safe."
Wilson Webb, Unit Still Photographer
Nikon z9 – Atlas Ultra CFExpress 650GB
Nikon z7ii – Atlas Pro CFExpress 512GB

OWC Atlas **Pro CFexpress**
Tech Specs

Includes
- OWC Atlas Ultra CFexpress Type B Card
- Jewel case

Specifications
Interface
- CFexpress Type B

Available Capacities
- 165GB, 325GB, and 650GB

System Requirements
- Host supporting CFexpress Type B

Warranty
- 3 Year OWC Limited Warranty

Dimensions + Weight
Dimensions
- 1.2 in (W) x 1.5 in (H) x 0.1 in (D)
- 29.6 mm (W) x 38.5 mm (H) x 3.8 mm (D)

Weight
- 0.3 oz (9 g)

Retail Box Dimensions
- 1.7 in (W) x 2.1 in (H) x .4 in (D)
- 44 mm (W) x 53 mm (H) x 10 mm (D)

Weight
- 0.6 oz (16.3 g)

Master Carton Dimensions — 800 pieces
- 19.7 in (W) x 19.7 in (H) x 7.9 in (D)
- 50 cm (W) x 50 cm (H) x 20 cm (D)

Master Carton Weight — 800 pieces
- 31.3 lb (14.2 kg)

Operating Environment
Environment (Operating)
- Temperature (°F): 14° to 185°
- Temperature (°C): -10° to 85°
- Relative Humidity: 95%

Environment (Non-Operating)
- Temperature (°F): -4° to 185°
- Temperature (°C): -20° to 85°
- Relative Humidity: 95%

Single Pack

PART NUMBER	CAPACITY	UPC	AVAILABLE
OWCCFXB2U0165	165GB	810100981273	now
OWCCFXB2U0325	325GB	810100981280	now
OWCCFXB2U0650	650GB	810100981297	now

1. Up to 1500MB/s write / up to 1700MB/s read peak performance and 1300MB/s minimum sustained write performance was observed based on testing OWC Atlas Ultra CFexpress cards in an Ableconn PEX-CF106 PCI Express 3.0 x4 Host Adapter Card in a Gigabyte Aorus Master X570 motherboard with an AMD Ryzen 9 5950X 4.9GHz CPU and 32GB RAM, in Windows 10 Pro using Crystal Disk Mark (1GB file size). Performance will vary depending on host hardware, software, usage, and Atlas Ultra CFexpress card storage capacity used

The OWC Atlas Memory Card Difference

- **Confidence:** Performance and reliability have been OWC priorities as a leading developer of flash storage since 2010 and technology solutions since 1988.
- **Quality:** Consistent peak performance is ensured with an extremely thorough quality control process that stresses cards to their limit in the highest settings of high-end cameras and results meticulously monitored.

- **Integrated:** After using an Atlas memory card, go from ingest to edit with an entire reader, dock, and storage ecosystem.
- **Support:** Atlas memory cards are backed by award-winning 24/7 global support provided by employees who are trained in and use OWC products.

Who it's for:
- Advanced action sports photographers
- Advanced outdoor/wildlife photographers
- Professional video content creators
- Film production companies
- Feature film studios

What it's for:
- Capturing a snowboarder doing an aerial trick
- Capturing a loon landing on a lake
- Branded, huge following influencers needing to create enhanced, professional-looking content for their channels
- Capturing highest quality footage for a blockbuster movie

25 words
The Atlas Ultra CFexpress is the fastest, most reliable CFexpress Type B memory card that unleashes the camera capabilities of professional filmmakers and extreme action photographers.

50 words
The Atlas Ultra CFexpress is the fastest, most reliable CFexpress Type B memory card that unleashes the camera capabilities of professional filmmakers and extreme action photographers. With a minimum 1300MB/s sustained write speed and up to 1500MB/s write and 1700MB/s read speeds, it's ideal for advanced uses including fast burst RAW image sequences and high bitrate video recording up to 8K.

100 words
The Atlas Ultra CFexpress unleashes the camera capabilities of professional filmmakers and extreme action photographers. With a minimum 1300MB/s sustained write speed and up to 1500MB/s write and 1700MB/s read speeds, it's ideal for advanced uses including fast burst RAW image sequences and high bitrate video recording up to 8K. The 325GB and 650GB models are among a handful of cards that meet RED Digital Cinema's stringent test standards and officially approved for use with RED V-Raptor and RED V-Raptor XL Cinema cameras. The 165GB capacity version is ideal for advanced sports and wildlife photographers seeking the fastest, most cost-effective solution to clear their camera buffer and/or shoot continuously in ultra-high resolution burst mode.

Compatibility You Can Count On

✓ recommended ● compatible ◑ compatible, but not at highest resolution settings

	Atlas Pro CFx	Atlas Pro CFx	Atlas Pro CFx	Atlas Ultra CFx
Capacity	128GB	256GB	512GB - 2.0TB	165GB - 650GB
Max sequential read	1700MB/s	1700MB/s	1700MB/s	1700MB/s
Max sequential write	1400MB/s	1400MB/s	1500MB/s	1500MB/s
Min sustained write	140MB/s	300MB/s	400MB/s	1400MB/s
Canon C300 Mark III	◑	✓	✓	●
Canon C500 Mark II	◑	✓	✓	●
Canon 1DX Mark III	◑	◑	●	✓
Canon EOS R3	◑	◑	●	✓
Canon EOS R5	◑	◑	●	✓
Canon EOS R5C	◑	◑	●	✓
DJI Ronin 4D Cinema 6K (325GB, 650GB cards)				✓
Fujifilm X-H2	◑	◑	◑	✓
Fujifilm X-H2S	◑	◑	◑	✓
Nikon Z9	◑	◑	◑	✓
Nikon Z6 / Z7	✓	✓	✓	●
Nikon Z6 II / Z7 II	✓	✓	✓	●
Nikon D500	✓	✓	✓	●
Nikon D850	✓	✓	✓	●
Nikon D5	✓	✓	✓	●
Nikon D6	✓	✓	✓	●
Panasonic GH6	◑	◑	●	✓
Panasonic S1 / S1R	✓	✓	✓	●
PhaseOne XF IQ4	✓	✓	✓	●
RED APPROVED				
RED V-Raptor (325GB, 650GB cards)				✓
RED V-Raptor XL (325GB, 650GB cards)				✓