

## Storage and Workflow Choice of Professionals

### CFexpress™ 4.0 Type B Iridium

The Iridium CFexpress 4.0 Type B memory cards deliver exceptional performance for demanding photo and video workflows. Featuring a PCIe Gen4 x2 interface and NVMe 1.4c controller, these cards are optimized for high-resolution video and image capture and ultra-fast offloading—ideal for creators working in 4K, 6K, or even 8K RAW formats.

Sustained write speeds are 1,500MB/s on the 800GB and 1.6TB capacities, and 850MB/s on the 400GB capacity—more than capable of handling cinema-grade RAW video. All capacities support up to 3,000MB/s burst write speed, ensuring peak performance across a range of professional shooting environments. Maximum read speeds are rated at up to 3,550MB/s for Iridium CFexpress 4.0 Type B, enabling significantly faster file transfers and streamlined post-production workflows. All capacities are fully backward compatible with CFexpress 2.0 host devices, ensuring broad interoperability across existing professional camera systems. As VPG400 certified cards, the minimum sustained write speed will not fall below 400MB/s, ideal for cameras requiring VPG400 certified memory cards.

	Iridium		
	400GB	800GB	1.6TB
	Max Read: 3550MB/s Max Write: 3000MB/s Sus. Write: 850MB/s Min. Sus. Write: 400MB/s	Max Read: 3550MB/s Max Write: 3000MB/s Sus. Write: 1500MB/s Min. Sus. Write: 400MB/s	Max Read: 3550MB/s Max Write: 3000MB/s Sus. Write: 1500MB/s Min. Sus. Write: 400MB/s
Interface	NVMe 1.4c with PCIe Gen4 interconnect		
Operating Voltage	+3.3V; Min = +3.0V, Max = +3.6V		
Active Power Consumption	1.25W		
Idle Power	<0.3W		
Power Management	Supports Power States (PS0, PS1, PS2, PS3, and PS4) with PS4 power consumption under 2mW		
Storing Temperature	-20°C to 85°C		
Operating Temperature	-12°C to 72°C		
Operating & Storage Humidity	95% or less (non-condensing)		
Shock	50G, 11ms duration		
Vibration	10Hz - 200Hz / 1.52mm displacement 10Hz - 2000Hz, 15G acceleration		
Altitude	2.26psi/Altitude: 24384m		
SMART & Sanitize	Yes		
X-ray Proof	Yes		
Dimensions	Type B: 29.6mm x 38.5mm x 3.8mm		
Warranty	3-year		

- Fully compliant with CompactFlash™ Association 4.0 specification and backwards compatible with 2.0 specification
- NVMe 1.4 c host interface with PCIe Gen4 interconnect
- Low standby power through NVMe PS0 - PS4 support enabling extended battery life
- Metal enclosure/encasement to endure high temperatures while providing better thermal conductivity
- Built-in thermal throttling to protect your card and its content in the event of overheating
- Rigorous full card testing with serialized tracking of key components and manufacturing data for the highest quality control
- Refresh Pro™ enabled to monitor card health, update firmware, and quickly refresh performance.
- 3 year warranty

[www.progradedigital.com](http://www.progradedigital.com)



1GB=1,000,000,000 bytes. Actual user storage is less. Up to 200MB/s read speed; write speed is lower. Speed is based on internal testing; user's performance may be lower depending on host device, interface, usage conditions and other factors. 1MB = 1,000,000 bytes.

©2025 ProGrade Digital, Inc. All rights reserved. Information, products, and/or specifications are subject to change without notice. ProGrade Digital, Inc. is not responsible for omissions or errors in typography or photography. ProGrade and the ProGrade Logo are trademarks of ProGrade Digital Inc. ProGrade Digital is an authorized licensee of SDXC, microSDXC, CFast 2.0, CompactFlash, and CFexpress trademarks. All other brand or product names in the release are trademarks or registered trademarks of their respective holders. See product packaging and [www.progradedigital.com](http://www.progradedigital.com) for additional information and limitations. ProGrade Digital memory cards and card readers are available for purchase online at [ProGradeDigital.com](http://ProGradeDigital.com), plus the company's Amazon and B&H Photo and Video websites.

ProGradeDigital 6862 Santa Teresa Blvd, San Jose, CA 95119, USA

