

Performance that keeps up with your workflow

The ProGrade Digital CFexpress 2.0 Type A Gold memory cards are based on proven, Solid-State Drive (SSD), PCIe controller technology that offers both best-in-class value and performance options for imaging devices. Non-Volatile Memory Express (NVMe) host controller interface in the CFexpress standard ensures that host and card performance are optimized for our leading edge CFexpress product lines. All ProGrade Digital CFexpress cards are compliant with the CompactFlash Association, CFexpress 2.0 specification—including PCIe and NVMe interoperability compliance.

For emerging mainstream imaging applications, our Type A Gold label cards support burst write speeds of up to 800MB/sec – ideal for high resolution video and burst shooting applications. In addition, our 120GB capacity cards have a sustained write speed of 450MB/s, and the 240GB, 480GB, and 960GB capacities have a sustained write speed of 600MB/s. The CFexpress Type A Gold cards provide sequential read speeds of up to 900MB/s, ensuring that offload time is minimized, and workflow efficiency is greatly improved. The VPG200 certification ensures that the minimum sustained write speed does not drop below 200MB/s, enabling the highest resolution capture on cameras.

ProGrade Digital CFexpress Type A Delivers:

| | Gold | | | |
|---|--|--------------------------|--------------------------|--------------------------|
| | 120GB | 240GB | 480GB | 960GB |
| Densities and Performances | Max Read: 900MB/s | Max Read: 900MB/s | Max Read: 900MB/s | Max Read: 900MB/s |
| | Max Write: 800MB/s | Max Write: 800MB/s | Max Write: 800MB/s | Max Write: 800MB/s |
| | Sus. Write: 450MB/s | Sus. Write: 600MB/s | Sus. Write: 600MB/s | Sus. Write: 600MB/s |
| | Min. Sus. Write: 200MB/s | Min. Sus. Write: 200MB/s | Min. Sus. Write: 200MB/s | Min. Sus. Write: 200MB/s |
| Interface | NVMe PCIe Gen3 x1 interconnect | | | |
| Operating Voltage | +3.3V; Min = +3.0V, Max = +3.6V | | | |
| Operating Current Normal | 800mA, Max: 1500mA | | | |
| Power Management | Supports Power States (PS0, PS1, PS2, PS3, and PS4) with PS4 power consumption under 2mW | | | |
| Storing Temperature | -40C to 100C | | | |
| Operating Temperature | -25°C to 85°C | | | |
| Operating & Storage Humidity | 95% or less (non-condensing) | | | |
| Shock | 150G, 11ms duration, half sine wave | | | |
| Vibration | 10Hz - 2000Hz / 1.52mm displacement 10Hz - 2000Hz, 15G acceleration | | | |
| Altitude | 2.26psi/Altitude:24384m | | | |
| SMART & Sanitize | Yes | | | |
| X-ray Proof | Yes | | | |
| Dimensions | Type A: 20mm x 28mm x 2.8mm | | | |
| Warranty | 3-year | | | |

- Fully compliant with CompactFlash™ Association CFexpress Type A 1.0 and 2.0 specifications
- 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
- Designed to provide peak performance for flagship cinema, video and photography cameras
- Optimized controllers specifically designed for use in professional-grade cameras
- Rigorous full card testing with serialized tracking of key components and manufacturing data for the highest quality control
- Component-level testing down to individual memory chips for optimal quality
- Refresh Pro™ enabled to monitor card health, update firmware, and quickly refresh performance.
- 3 year warranty

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.
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