



SANDISK PROFESSIONAL PRODUCTS

CINEMA

BROADCAST

PRO VIDEO

TELLING LIFE'S STORIES FROM MEMORY
Trusting them to SanDisk™

SanDisk®

A GLOBAL LEADER IN DATA STORAGE SOLUTIONS



Caméraman : Sébastien Devaud

▶ Trusted Performance

In the world of professional videography and cinematography, memory matters. Even with the most advanced, highly-specced camera, a shoot will end with nothing in the can without the right storage media. So it's no surprise, that with a heritage of creating flash memory trusted by leaders in imaging markets throughout the world for over 25 years, SanDisk is a leading brand of storage in the cinema, broadcast and pro video industries.

Working in partnership with the world's leading camera manufacturers, SanDisk has been at the forefront of some of the biggest innovations in non-proprietary digital storage media of recent times. SanDisk Extreme PRO® CompactFlash® cards were the world's first high-capacity card that supports VPG-65, guaranteeing a minimum sustained write speed of 65MB/s (520Mbps)¹.

And, SanDisk Extreme PRO CFast™ 2.0 cards have been adopted for the ARRI AMIRA and new Canon® EOS C300 Mark II cameras, amongst others, enabling near lossless, cinema-quality 4K video capture².

Reliability is engineered into every bit of every SanDisk product, ensuring that every bit captured or processed is safeguarded. From RTV silicone coating to enhance the durability of most SanDisk Extreme PRO memory cards to Advanced Wear Leveling inside the controller, in addition to a lifetime warranty³ and the added peace of mind provided by the included subscription to RescuePRO® recovery software⁴.

With performance and reliability at the core of every product, it's no wonder the SanDisk pro video range is trusted to perform - take after take.

▶ SanDisk in Digital Video Workflow

As consumer adoption of 4K UHD television sets increases, 4K broadcast has become a reality, 4K movies shot on digital cinema cameras continue to thrill cinema audiences, and smartphone manufacturers begin the move to everyone having a 4K UHD screen in their pocket, the demand for high-resolution, high-frame rate video in the cinema, broadcast and pro video arenas has never been greater. Even Full HD production requires higher-than-Full HD capture if editors are to be given the freedom to pan and scan in post.

These developments have created the need for faster, higher-capacity media to capture, store and process imagery.

SanDisk memory cards have been designed for cutting-edge Full HD and 4K cameras². The best-in-class write speed performance of SanDisk Extreme PRO® CFast™ 2.0 and

CompactFlash® cards ensure high bitrate video is captured in edit-ready digital intermediate formats, and SanDisk Extreme PRO SDXC™ UHS-I, SDXC UHS-II and microSDXC™ UHS-I cards support realtime 4K UHD² capture in MP4 format with UHS Speed Class 3 (U3)⁵. For external recorders, SanDisk Extreme PRO SSDs achieve write speeds up to 520MB/s* (4Gbps) for 4K capture in ProRes and DNxHD codecs.

Ingesting data into a post-production environment has been carefully considered with the range of high-speed SanDisk card readers that meet today's high-speed data transfer standards for workflow efficiency, even out in the field.

What's more, no professional video can be played out without the highest level of finish. That's why SanDisk Extreme PRO SSDs are the choice for many post houses

and editors, who demand high read and write speeds when importing, compositing, editing, grading and encoding in non-linear workflows.

High performance is coupled with high levels of trust. Our products benefit from over 25 years' heritage in flash memory design and manufacture; in 2014, we invested over \$800 million in R&D alone. And, thanks to the feedback of professional users and the professional evaluations of the SanDisk Extreme® Team, some of the world's leading photography and videography professionals, we are able to develop tried and tested memory cards and SSDs that work in the real world every day.

PROFESSIONAL VIDEO PRODUCTS THAT YOU CAN TRUST TO CAPTURE AND PROCESS YOUR NEXT SHOOT.

SANDISK CINEMATOGRAPHY AND VIDEOGRAPHY WORKFLOW



MADE FOR YOUR PRODUCTION



► Why Choose SanDisk for Acquisition?

RECORDING PERFORMANCE	✔	Data recording rates over four times the 50Mbps broadcast standard so you won't drop a frame. SanDisk Extreme PRO® CFast™ 2.0 and CompactFlash® cards write data at speeds ideal for 4K ² recording in intermediate formats
RELIABILITY AND PEACE OF MIND	✔	Backed by a lifetime warranty ³ and featuring enhanced endurance using Advanced Wear Levelling, Error Correction Code and other technologies to safeguard your precious data. We also include 1 year's subscription to RescuePRO® data recovery software for added peace of mind ⁴
DURABILITY	✔	Featuring RTV silicone coating for increased robustness and resilience, SanDisk Extreme PRO CompactFlash®, SD™ and microSD™ cards are tested under harsh conditions
TRUST	✔	Designed in parallel with leading camera manufacturers, SanDisk Extreme PRO cards and SSDs come from the brand trusted by the world's leading photographers for over 25 years
WORKFLOW	✔	Fast transfer speeds when used in combination with SanDisk readers
CAPACITY	✔	High storage capacities to ensure you can continue to capture the action when others are changing cards
WIDESPREAD AVAILABILITY	✔	Available in over 300,000 stores for wherever you are in the world
VALUE	✔	Based on industry standards, ensuring you will get the best value and features for compatible products, compared to devices using proprietary media

"My work rarely allows for a second chance to capture a big shot or important footage, so when I select SanDisk memory cards, I'm trusting them with assets that are essential to me and my clients".



Sam Nicholson.
Virtual Production & Visual Effects



"When I work on remote location productions I cannot take anything for granted, it's all about trust - I totally trust my team, my equipment and my recording media".



Phil Coates.
Director Cameraman





Phil Coates filming in the Alps © PhilCoates.TV / Justin Hall

▶ Why Choose SanDisk for Post-Production?

FAST DATA TRANSFER	✔	Combine SanDisk Extreme PRO® cards with SanDisk card readers for fast ingestion of media
FAST DISK SCANNING	✔	Take the frustration out of searching for media and displaying file thumbnails with SanDisk SSDs
FAST DISK RANDOM WRITE SPEEDS	✔	Using SanDisk SSDs for scratch disks can speed up compositing and grading compared to hard disk drives
FAST DISK SEQUENTIAL WRITE SPEEDS	✔	Encoding large video files for mastering and delivery is aided by the fast sequential write speeds of SanDisk SSDs
RELIABILITY AND PEACE OF MIND	✔	SanDisk Extreme PRO products are backed with a lifetime warranty ³ and feature many technologies to safeguard your precious data
ARCHIVING AND ASSET MANAGEMENT	✔	Using SanDisk SSDs for archiving and Asset Management Systems gives fast, reliable file searches

“I need to work fast on productions. SanDisk Extreme PRO memory cards give me the speed I need for recording broadcast quality footage, the capacity to keep rolling, and the reliability that ensures everything I capture is always there when I need it”.



Lars Schwellnus.
Cameraman



“When you’re shooting in the field, there’s no way of getting backup gear out there, so you have to trust your equipment completely. I know that I can rely on my SanDisk memory cards and SSD drives to be physically rugged as well as technically reliable. You just don’t get second takes in documentary work”.



Richard Finn Gregory.
Documentary Director/Cinematographer



TECHNOLOGY FOR VIDEO

▶ Recording Performance

CFast™ 2.0 PERFORMANCE

Designed with leading edge camera manufacturers to meet Full HD and 4K video² recording specifications in the highest resolution cameras, SanDisk Extreme PRO® CFast 2.0 memory cards feature our fastest ever memory card write speed of up to 440MB/sec* (3.52Gbps). And, because high resolution video capture creates massive data files, it also has our fastest ever data transfer speed of up to 515MB/sec* (4.12Gbps) to allow maximum post-production workflow efficiency. This speed, together with the card's storage capacity of up to 128GB⁶, make the SanDisk Extreme PRO CFast 2.0 card ideal for the latest high-specification professional cameras.



VPG: VIDEO PERFORMANCE GUARANTEE CompactFlash® CARDS

Found on our SanDisk Extreme PRO CompactFlash cards, VPG-65 guarantees minimum sustained video recording at 65MB/sec (520Mbps), ensuring you won't miss a frame.

SPEED CLASS 10 AND UHS SPEED CLASS 1 (U1) microSD™ AND SD™ CARDS

Video performance levels found in our high performance microSDHC™, microSDXC™, SDHC™ and SDXC™ UHS-I cards. Speed Class 10 is the SD Association's specification requiring a minimum sustained write speed of 10MB/sec (80Mbps), ideal for realtime recording of broadcast quality Full HD video.

UHS SPEED CLASS 3 (U3) microSD AND SD CARDS

A video performance level found in our high performance SDHC / SDXC UHS-I and UHS-II cards, and SanDisk Extreme PRO microSDHC™ / microSDXC™ UHS-I cards. UHS Speed Class 3 is the SD Association's new specification requiring a minimum sustained write speed of 30MB/sec (240Mbps), ideal for recording 4K video.

▶ Recording Times[†]

COMPACTFLASH AND SD MEMORY CARDS		16GB	32GB	64GB	128GB	256GB
Canon EOS 1D-C	4K JPEG @ 513 Mbps	4 mins	8 mins	16 mins	32 mins	64 mins
Panasonic DMC-GH4	4K @ 200 Mbps	10 mins	20 mins	40 mins	80 mins	160 mins
JVC GY-HMQ10U	4K @ 144 Mbps	15 mins	30 mins	60 mins	-	-
Canon EOS 5D Mark III	Full HD ALL-I @ 81 Mbps	22 mins	44 mins	88 mins	176 mins	352 mins
Canon EOS C300	50 Mbps	40 mins	80 mins	160 mins	320 mins	640 mins
GoPro HERO 4 Black Edition	4K 30 @ 60 Mbps	33 mins	66 mins	133 mins	-	-
Sony PMQ-350L	Full HD (HQ) @ 35 Mbps	50 mins	100 mins	200 mins	400 mins	800 mins
Panasonic HDC-Z1000P	3D @ 28 Mbps	75 mins	155 mins	315 mins	625 mins	1260 mins
Canon XA20	Full HD (HQ) 50 Mbps	85 mins	170 mins	340 mins	650 mins	1360 mins
Nikon D800	Full HD (HQ) H.264/MPEG-4 AVC @ 24 Mbps	91 mins	182 mins	364 mins	728 mins	1456 mins
SSD		250GB	500GB	1TB		
Blackmagic Design Cinema Camera	RAW 2.5K 24p	30 mins	60 mins	120 mins		
Atomos Ninja 2	ProRes 422	240 mins	480 mins	960 mins		

[†] Based on host device manufacturers' published data and SanDisk internal testing. Approximations: results will vary based on file size, resolution, compression, bit rate, content, host device, pre-loaded files and other factors.



© George Karbus

▶ Reliability

ADVANCED WEAR LEVELLING

Through wear levelling, the controller's firmware algorithms enhance the endurance of the card by moving the data efficiently across the memory card.

ERROR CORRECTION CODE

High performance SanDisk memory cards are made even more reliable by the SanDisk advanced Error Correction Code (ECC) which uses algorithms to rectify errors with the data being written to the memory.

RTV SILICONE COATING

SanDisk Extreme PRO® CompactFlash® cards are sealed with room temperature vulcanizing (RTV) silicone to increase their robustness and resilience. RTV silicone adds protection against shock and vibration.

DURABILITY

SanDisk high performance cards are tested under harsh conditions to endure the toughest shoots.

WARRANTY AND DESIGN

SanDisk Extreme PRO cards are designed for professionals and come with a lifetime limited warranty². That's why professional photographers trust SanDisk for the performance and reliability they demand.

▶ Workflow Efficiency

UDMA 7 FOR COMPACTFLASH

Ultra Direct Mode Access 7, or UDMA 7, is the latest version of the UDMA interface standard. UDMA 7 supports transfer rates of up to 167MB/sec (1336Mbps) making it ideal for transferring high quality video off CompactFlash memory cards with a compatible reader.

CFAST™ 2.0

SanDisk Extreme PRO CFast 2.0 memory cards achieve data transfer speeds of up to 515MB/sec* (4120Mbps) for superfast workflow.

UHS-II FOR SD™ CARDS

UHS-II is the second generation of the Ultra High Speed standard introduced by the Secure Digital Association. The UHS-II standard increases the maximum SD bus-interface speed up to 312MB/s (2496Mbps), compared with the 104MB/s (832Mbps) maximum offered by UHS-I cards. This radically reduces the transfer time for large, high quality videos when used with a compatible UHS-II SD Card reader.

SANDISK PROFESSIONAL PRODUCTS FOR VIDEO



SANDISK EXTREME PRO® CFAST™ 2.0 CARDS

- ▶ Built to meet the new generation of Full HD and 4K video recording specifications²

RECORDING PERFORMANCE	Up to 440MB/sec* (3.52Gbps) write speed - record ProRes 4444 at 120fps
WORKFLOW PERFORMANCE	Up to 515MB/sec* (4.12Gbps) read speed
CAPACITIES	64GB⁶ and 128GB capacities. Store up to 35 mins ⁷ ProRes 4444 2K 4:3 24fps @ 50Mbps
OPERATING TEMPERATURE	23°F to 158°F (-5°C to 70°C)
SUPPORT	Lifetime limited warranty³

SANDISK EXTREME PRO COMPACTFLASH® CARDS

- ▶ Features Video Performance Guarantee (VPG) for sustained video recording at 65MB/sec¹ (520Mbps)

RECORDING PERFORMANCE	VPG-65 for minimum sequential write of 65MB/s (520Mbps)
WORKFLOW PERFORMANCE	Up to 160MB/s* read speed (1067X)
CAPACITIES	16GB, 32GB, 64GB, 128GB and 256GB capacities for storing 40 - 640 mins ⁹ video (MPEG-2 4:2:2 1080/50i @ 50Mbps)
INTERFACE	UDMA 7 interface for high speed data transfer
OPERATING TEMPERATURE	-13°F to 185°F (-25°C to 85°C)
SUPPORT	Lifetime limited warranty



Sébastien Devaud by Sophie Perrin



U3 CLASS 30 4K ULTRA HD



U3 CLASS 30 4K ULTRA HD

SANDISK EXTREME PRO® SDXC™ UHS-II CARDS

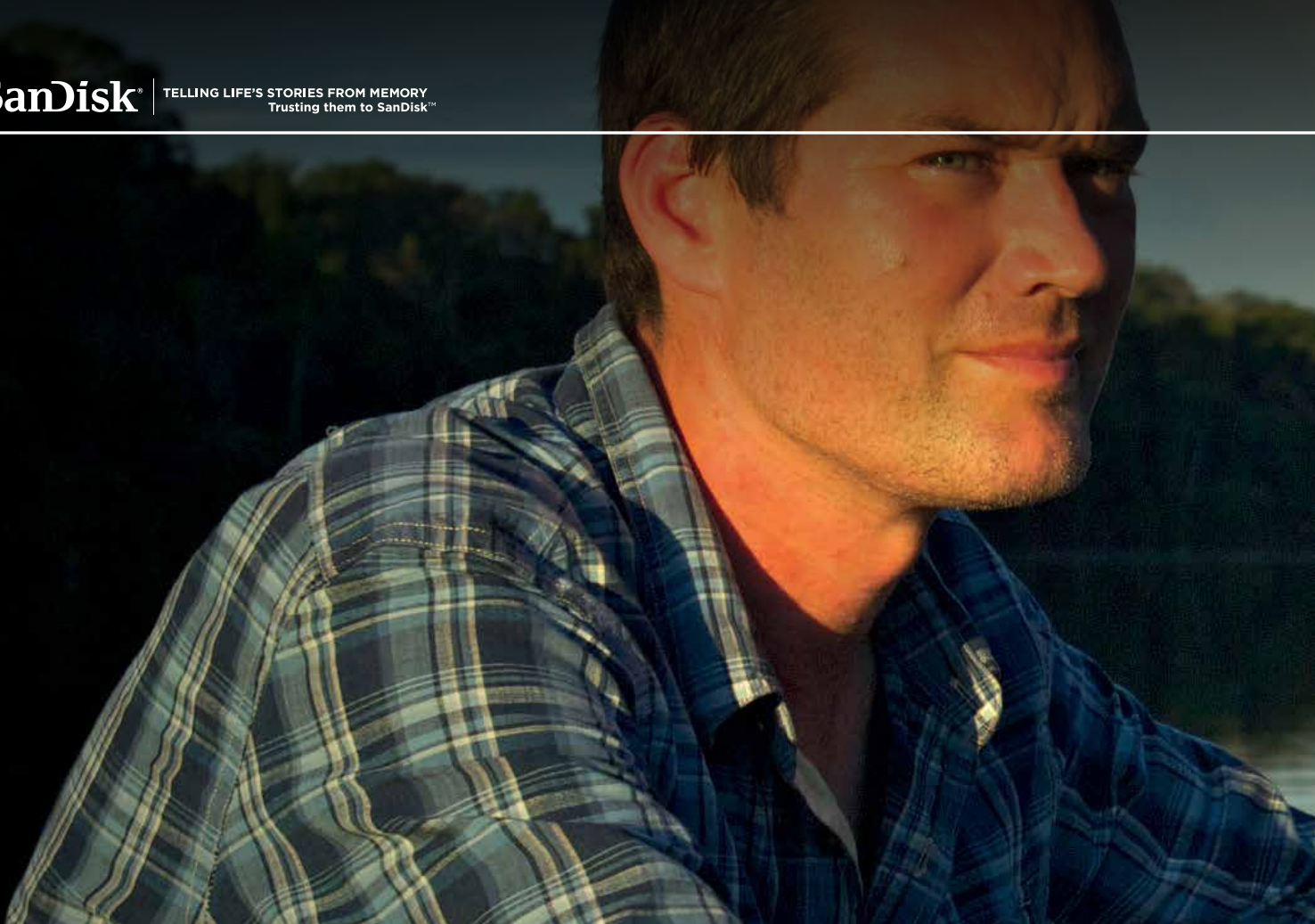
▶ **The World's Fastest SD™ Card**

RECORDING PERFORMANCE	UHS Speed Class 3 (U3) for sequential write speed of 30MB/s (240Mbps) ⁵ Up to 250MB/s* write speed - for continuous shot-to-shot performance
WORKFLOW PERFORMANCE	Up to 280MB/s* read speed for fast data transfer
CAPACITIES	16GB⁶, 32GB, 64GB for storing 40 - 160mins ⁸ video (MPEG-2 4:2:2 1080/50i @ 50Mbps)
INTERFACE	UHS-II
DURABILITY	Shockproof, X-ray proof, waterproof⁹ and operates in temperatures ranging from -13°F to 185°F (-25°C to 85°C)
SECURITY	Built-in write-protect switch prevents accidental data loss
SUPPORT	Lifetime limited warranty³

SANDISK EXTREME PRO SDXC UHS-I CARDS

▶ **The World's Highest Capacity SD Card**

RECORDING PERFORMANCE	UHS Speed Class 3 (U3) for sequential write speed of 30MB/s (240Mbps) Up to 90MB/s* write speed - for continuous shot-to-shot performance
WORKFLOW PERFORMANCE	Up to 95MB/s* read speed for fast data transfer
CAPACITIES	8GB, 16GB, 32GB, 64GB, 128GB, 256GB, 512GB for storing 20 - 1280 mins ⁸ video (MPEG-2 4:2:2 1080/50i @ 50Mbps)
INTERFACE	UHS-I
DURABILITY	Shockproof, X-ray proof, waterproof and operates in temperatures ranging from -13°F to 185°F (-25°C to 85°C)
SECURITY	Built-in write-protect switch prevents accidental data loss
SUPPORT	Lifetime limited warranty



SANDISK EXTREME PRO® microSD™ CARDS

▶ World's Fastest microSD Cards

RECORDING PERFORMANCE	UHS Speed Class 3 (U3) for sequential write speed of 30MB/s (240Mbps) ⁵ Up to 90MB/s* write speed - for continuous shot-to-shot performance
WORKFLOW PERFORMANCE	Up to 95MB/s* read speed for fast data transfer
CAPACITIES	16GB⁶, 32GB, 64GB for storing 33 - 133mins ¹⁰ video (H.264 @ 60Mbps)
INTERFACE	UHS-I
DURABILITY	Shockproof, X-ray proof, waterproof⁹ and operates in temperatures ranging from -13°F to 185°F (-25°C to 85°C) making this card ideal for action cameras
SUPPORT	Lifetime limited warranty³

SANDISK EXTREME PRO SSD

▶ No-wait Multi-tasking for Media Pros

SEQUENTIAL READ SPEED	Up to 550MB/sec¹¹
SEQUENTIAL WRITE SPEEDS	240GB: up to 520MB/sec , 480GB: up to 515MB/sec , 960GB: up to 515MB/sec¹¹
CAPACITIES	240GB, 480GB, 960GB for storing 230 - 920 mins ¹² video (ProRes 422 10-bit 150Mbps)
INTERFACE	SATA Revision 3.0 (6 Gbit/sec) backward compatible to SATA Revision 2.0 (3 Gbit/sec) & SATA Revision 1.0 (1.5 Gbit/sec)
DURABILITY	Vibration (operating/non-operating): 5gRMS, 10 - 2000Hz/4.9gRMS, 7-800Hz
OPERATING TEMPERATURE	32°F to 158°F (0°C to 70°C)
SHOCK	Shock resistant up to 1500G @ 0.5 msec
SUPPORT	Lifetime limited warranty¹³



Charlie Hamilton Jones



SANDISK EXTREME PRO® CFAST™ 2.0 READER/WRITER

- ▶ **World's first CFast 2.0 card reader¹⁴**

USB 3.0 interface for transfer speeds up to 500MB/sec¹⁵ - up to 10 times faster than USB 2.0

Fully backwards compatible with USB 2.0

Built for productivity and workflow

SANDISK EXTREME PRO SD™ UHS-II CARD READER/WRITER

- ▶ **Reader/writer to accompany the world's fastest SD UHS-II cards**

High performance USB 3.0 interface (also compatible with USB 2.0 ports)

Supports SDHC™/SDXC™, SDHC/SDXC UHS-I and SDHC/SDXC UHS-II cards

Compact and cable-free



IMAGEMATE® ALL-IN-ONE USB 3.0 MEMORY CARD READER

- ▶ **USB 3.0 Interface transfer speed: Supports up to 500MB/sec for improved workflow**

Backwards compatibility: Fully backwards compatible with USB 2.0 systems

Supports UDMA CompactFlash® memory cards and SDHC and SDXC UHS-I performance

Compatible Card Formats:

CompactFlash, SD, SDHC, SDXC, miniSD™, miniSDHC™, microSD™, microSDHC™, microSDXC™, MultiMediaCard™, MMCplus™, MMCmobile™, RS-MMC™, RS-MMC DV™, Memory Stick®, Memory Stick PRO™, Memory Stick Duo™, Memory Stick PRO Duo™, Memory Stick PRO-HG Duo™



▶ **ALSO AVAILABLE**

SANDISK EXTREME® COMPACTFLASH CARDS

VPG-20¹⁶

Up to 120MB/sec read/write speed*

SANDISK EXTREME PLUS SDHC/SDXC UHS-I CARDS

UHS Speed Class 3 (U3)⁵

Up to 80MB/sec read speed*

SANDISK EXTREME PLUS microSDHC/microSDXC UHS-I CARDS

UHS Speed Class 3 (U3)

Up to 80MB/sec read speed*

SANDISK EXTREME SDHC/SDXC UHS-I CARDS

UHS Speed Class 3 (U3)

Up to 80MB/sec read speed*

Now up to 256GB⁶ capacity

PRODUCT COMPATIBILITY

▶ Camcorders

Manufacture	Series	Media Format	SanDisk Recommends
ARRI	ALEXA, ALEXA Plus, ALEXA Plus 4:3, ALEXA M, ALEXA Studio, ALEXA XT, ALEXA XT Plus, ALEXA XT M, ALEXA XT Studio	CFast™ 2.0 (via ARRI Capture Drive to CFast 2.0 Adapter / XR Module upgrade kit)	SanDisk Extreme PRO® CFast 2.0
ARRI	AMIRA, AMIRA ADVANCED, AMIRA PREMIUM, ALEXA Mini	CFast 2.0	SanDisk Extreme PRO CFast 2.0
Blackmagic Design	Cinema Camera, Production Camera 4K, Production Camera 4K PL, Production Camera 4K EF, Cinema Camera PL, Cinema Camera EF, Cinema Camera MFT	SSD	SanDisk Extreme PRO SSD 960 GB (RAW CinemaDNG video capture) or SanDisk Extreme PRO SSD 240 GB (compressed DNxHD or ProRes capture)
Blackmagic Design	Pocket Cinema Camera	SD™ / SDHC™ / SDXC™	SanDisk Extreme PRO SDHC UHS-I card
Blackmagic Design	URSA, Blackmagic URSA Mini 4.6K EF, Blackmagic URSA Mini 4.6K PL, Blackmagic URSA Mini 4K EF, Blackmagic URSA Mini 4K PL, Blackmagic URSA 4.6K EF, Blackmagic URSA 4.6K PL, Blackmagic URSA EF, Blackmagic URSA PL	CFast 2.0	SanDisk Extreme PRO CFast 2.0
Canon	EOS-1D C, EOS C300, EOS C300 PL, EOS C500, EOS C500 PL	CompactFlash® (UDMA compatible) x 2	SanDisk Extreme PRO CompactFlash
Canon	EOS C100	SD / SDHC / SDXC	SanDisk Extreme PRO SDXC UHS-I card
Canon	Canon EOS C300 Mark II	CFast 2.0 x 2	SanDisk Extreme PRO CFast 2.0
Canon	XF305, XF300, XF105, XF100	CompactFlash x 2	SanDisk Extreme PRO CompactFlash
Canon	XA10, XA20, XA25	SD / SDHC / SDXC x 2	SanDisk Extreme PRO SDXC UHS-I card
Canon	Canon XC10	CFast 2.0	SanDisk Extreme PRO CFast 2.0
Canon	XF205, XF200	CompactFlash (min 40MB/s) x 2 and SD (Class 6 or 10)	SanDisk Extreme PRO CompactFlash and SanDisk Extreme PRO SDXC UHS-I card
Ikegami	GFCAM (HDS-V10 with CFADAPTOR)	16-128GB flash memory with adaptor for CompactFlash	SanDisk Extreme PRO CompactFlash
JVC	GY-HMZ1	SDHC	SanDisk Extreme PRO SDHC UHS-I card
JVC	GY-HM850E, GY-HM850CHE, GY-HM890E, GY-HM890CHE	SDHC / SDXC (Class 4-10) x2	SanDisk Extreme PRO SDXC UHS-I card
JVC	GY-HM790U/E, GY-HM750U/E, GY-HM710U/E, GY-HM790CHE, GY-HM750CHE	SDHC (Class 6 or 10) up to 32GB x 2	SanDisk Extreme PRO SDHC UHS-I card
JVC	GY-HMZ1U/E	SD / SDHC / SDXC (Class 4-10) 256MB to 64GB	SanDisk Extreme PRO SDXC UHS-I card
JVC	GY-HM150U/E, GY-HM650U/E, GY-HM600U/E, GY-HM70U/E	SDHC / SDXC (Class 6 or 10) up to 128GB x 2	SanDisk Extreme PRO SDXC UHS-I card
JVC	GY-HMQ10U/E	SDHC / SDXC (Class 6 or 10) 4-64GB x 4	SanDisk Extreme PRO SDXC UHS-I card
JVC	GY-LS300CHE	SDHC / SDXC	SanDisk Extreme PRO SDXC UHS-I card
JVC	GZ-GX1, GZ-V500, GZ-EX250, GZ-EX210, GZ-E200, GZ-E10	SD / SDHC / SDXC up to 64GB	SanDisk Extreme PRO SDXC UHS-I card
JVC	GZ-VX700	SD / SDHC / SDXC; 16-64GB	SanDisk Extreme PRO SDXC UHS-I card
Panasonic	AG-3DA1, AG-HMC151, AG-HMC41, AG-HMC80, AG-HMC81, AG-HMC82, AG-HMC83, AG-HMC84, AG-HMC40, AG-HMC150	SD / SDHC	SanDisk Extreme PRO SDHC UHS-I card
Panasonic	AG-3DA1	SD / SDHC x2	SanDisk Extreme PRO SDHC UHS-I card

▶ Camcorders

Manufacture	Series	Media Format	SanDisk Recommends
Panasonic	AG-AC8PJ, AG-AC90	SD™ / SDHC™ / SDXC™	SanDisk Extreme PRO® SDXC UHS-I card
Panasonic	AG-DVX200	SDHC / SDXC (UHS Speed Class 3)	SanDisk Extreme PRO SDXC UHS-I card
Panasonic	HDC-Z10000	SD / SDHC / SDXC x 2	SanDisk Extreme PRO SDXC UHS-I card
Panasonic	AG-AF100, AG-AF101	SD / SDHC / SDXC up to 64GB	SanDisk Extreme PRO SDXC UHS-I card
Panasonic	AG-AC130, AG-AC160	SD / SDHC / SDXC up to 2TB	SanDisk Extreme PRO SDXC UHS-I card
Panasonic	AJ-PX380G / AJ-PX380GF	microP2® / P2® / SDHC / SDXC <small>SanDisk does not offer microP2 or P2 memory cards</small>	SanDisk Extreme PRO SDXC UHS-I card
Sony	HXR-NX5E	SDHC / Memory Stick PRO Duo™ (Mark2) / Memory Stick PRO-HG Duo™ / Memory Stick PRO-HG Duo HX	SanDisk Extreme PRO SDHC UHS-I card
Sony	NEX-FS700R/RH	SD / SDHC / SDXC / Memory Stick PRO Duo	SanDisk Extreme PRO SDXC UHS-I card
Sony	HXR-NX70E	SD / SDHC / SDXC (Class 4 or faster) / Memory Stick PRO Duo (Mark2) / Memory Stick PRO-HG Duo	SanDisk Extreme PRO SDXC UHS-I card
Sony	HXR-MC2000E, HXR-MC50E, HXR-NX3D1E, NEX-FS100E/EK	SD / SDHC / SDXC / Memory Stick PRO Duo (Mark2) / Memory Stick PRO-HG Duo / Memory Stick PRO-HG Duo HX	SanDisk Extreme PRO SDXC UHS-I card
Sony	HXR-NX5E	SDHC / Memory Stick PRO Duo (Mark2) / Memory Stick PRO-HG Duo / Memory Stick PRO-HG Duo HX	SanDisk Extreme PRO SDHC UHS-I card
Sony	HVR-S270E	CompactFlash® (2GB+, 20MB/s+)	SanDisk Extreme PRO CompactFlash
Sony	When used with HVRMRC1K recorder: HVR-Z5E, HVR-Z7E, PMW-320K, PMW-350K, PMW-350L, PMW-500, PMW-EX1R, PMW-EX3, PMW-F3K, PMW-F3L	CompactFlash (2GB+, 20MB/s+)	SanDisk Extreme PRO CompactFlash

▶ External Recorders

Manufacture	Series	Media Format	SanDisk Recommends
AJA	Ki Pro Mini	CompactFlash	SanDisk Extreme PRO CompactFlash
Atomos	Ninja, Ninja2, Ninja Blade, Ronin, Samurai, Samurai Blade	SSD	SanDisk Extreme PRO SSD
Atomos	Shogun, Shogun Bare Bones	SSD or CFast via SATA to CFast adaptor	SanDisk Extreme PRO SSD or SanDisk Extreme PRO CFast 2.0
Atomos	Ninja Star	CFast™	SanDisk Extreme PRO CFast 2.0
Blackmagic Design	HyperDeck Shuttle 2	SSD	SanDisk Extreme PRO SSD
Blackmagic Design	Blackmagic Video Assist	SDHC/SDXC UHS-I	SanDisk Extreme PRO SDXC UHS-I card
Convergent Design	nanoFlash, nano3D	CompactFlash	SanDisk Extreme PRO CompactFlash
Sound Devices	PIX 220i, PIX240i	CompactFlash / SSD	SanDisk Extreme PRO CompactFlash or SanDisk Extreme PRO SSD
Sound Devices	PIX250i, PIX260i, PIX270i	SSD	SanDisk Extreme PRO SSD

Cameras

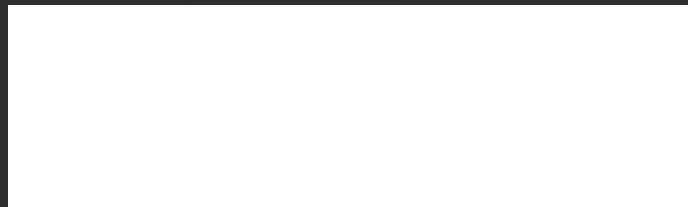
Manufacture	Series	Media Format	SanDisk Recommends
Canon	EOS 1D-C, EOS 1DX, EOS 7D, EOS 5D Mark II	CompactFlash® (UDMA compatible)	SanDisk Extreme PRO® CompactFlash
Canon	EOS 5D Mark III	CompactFlash (UDMA compatible) and SD™ / SDHC™ / SDXC™	SanDisk Extreme PRO CompactFlash and SanDisk Extreme PRO SDXC UHS-I card
Canon	EOS 550D, EOS 600D, EOS 500D, EOS 650D, EOS 60D, EOS 60Da, EOS 70D, EOS Rebel T4i, EOS Rebel T3i, EOS Rebel T2i, EOS Rebel T3	SD / SDHC / SDXC	SanDisk Extreme PRO SDXC UHS-I card
Canon	EOS 1D Mark IV	CompactFlash (UDMA compatible) and SDHC	SanDisk Extreme PRO CompactFlash and SanDisk Extreme PRO SDHC UHS-I card
Canon	EOS 6D, EOS 100D, EOS 700D	SD / SDHC UHS-I / SDXC UHS-I	SanDisk Extreme PRO SDXC UHS-I card
Canon	Powershot G1X Mark II, G1X, G16	SD / SDHC / SDXC	SanDisk Extreme PRO SDXC UHS-I card
Nikon	D90	SD / SDHC	SanDisk Extreme PRO SDHC UHS-I card
Nikon	D600, D3200, D5100, D5200, D7000	SD / SDHC UHS-I / SDXC UHS-I up to 64GB	SanDisk Extreme PRO SDXC UHS-I card
Nikon	D3100	SD / SDHC / SDXC up to 64GB	SanDisk Extreme PRO SDXC UHS-I card
Nikon	D800, D800E	CompactFlash and SD / SDHC UHS-I / SDXC UHS-I up to 64GB	SanDisk Extreme PRO CompactFlash and SanDisk Extreme PRO SDXC UHS-I card
Nikon	D300S	CompactFlash (UDMA compatible) and SD / SDHC	SanDisk Extreme PRO CompactFlash and SanDisk Extreme PRO SDHC UHS-I card
Nikon	D3X	CompactFlash (UDMA compatible) and Microdrives <small>SanDisk does not offer Microdrives</small>	SanDisk Extreme PRO CompactFlash
Nikon	D810	CompactFlash (UDMA compatible) and SD / SDHC UHS-I / SDXC UHS-I	SanDisk Extreme PRO CompactFlash and SanDisk Extreme PRO SDXC UHS-I card
Nikon	D3300, D5300, D610	SD / SDHC UHS-I / SDXC UHS-I	SanDisk Extreme PRO SDXC UHS-I card
Nikon	D4, D4S	CompactFlash (UDMA compliant) / XQD™ <small>SanDisk does not offer the XQD memory card format</small>	SanDisk Extreme PRO CompactFlash
Nikon	D7100	SD / SDHC UHS-I / SDXC UHS-I x 2	SanDisk Extreme PRO SDXC UHS-I card
Panasonic	Lumix DMC-G6, DMC-GX7, DMC-GM1, DMC-GF6, DMC-GH3, DMC-G5	SD / SDHC / SDXC	SanDisk Extreme PRO SDXC UHS-I card
Panasonic	Lumix DMC-GH4	SDHC / SDXC (UHS Speed Class 3 - U3)	SanDisk Extreme PRO SDXC UHS-I card
Sony	A7S, A7R, A7	SD / SDHC UHS-I / SDXC UHS-I / Memory Stick PRO Duo™ / Memory Stick PRO-HG Duo™ / Memory Stick PRO XC-HG Duo™	SanDisk Extreme PRO SDXC UHS-I card
Sony	A37, A57, A58, A65, A77, A99	SD / SDHC UHS-I / SDXC UHS-I / Memory Stick PRO Duo / Memory Stick PRO-HG Duo	SanDisk Extreme PRO SDXC UHS-I card

▶ Action Cameras

Manufacture	Series	Media Format	SanDisk Recommends
Contour	Contour+ 2, ContourROAM 2	microSD™ / microSDHC™	SanDisk Extreme PRO® microSDHC UHS-I card
DJI	DJI Phantom 3 Professional, DJI Phantom 3 Advanced, DJI Inspire 1	microSDHC / microSDXC™ up to 64GB (Class 10 or UHS Speed Class 1)	SanDisk Extreme PRO SDXC UHS-I card
Drift Innovation	Drift HD, Drift HD720, Drift HD Ghost	microSD / microSDHC	SanDisk Extreme PRO microSDHC UHS-I card
Garmin	VIRB Elite	microSD / microSDHC / microSDXC up to 64GB	SanDisk Extreme PRO microSDXC UHS-I card
GoPro	HD HERO	SD™ / SDHC™ (Class 4 or above)	SanDisk Extreme® SDHC UHS-I card
GoPro	HD HERO2	SD / SDHC (Class 10)	SanDisk Extreme SDHC UHS-I card
GoPro	HERO, HERO3, HERO3 White Ed, HERO3 Silver Ed, HERO3+, HERO3+ Silver Ed, HERO3+ Black Ed, HERO4 Silver Ed, HERO4 Black Ed	microSD / microSDHC / microSDXC (Class 10 or U1) up to 64GB	SanDisk Extreme PRO microSDXC UHS-I card
iON	Air Pro 3, Air Pro Speed	microSD / microSDHC up to 32GB	SanDisk Extreme PRO microSDHC UHS-I card
JVC	GC-XA1EU	microSD / microSDHC / microSDXC up to 64GB	SanDisk Extreme PRO microSDXC UHS-I card
Panasonic	HX-A1ME	microSD / microSDHC / microSDXC up to 128GB	SanDisk Extreme PRO microSDXC UHS-I card
Panasonic	HX-A500E	microSD / microSDHC	SanDisk Extreme PRO microSDHC UHS-I card
Polaroid	Cube	microSD / microSDHC up to 32GB	SanDisk Extreme PRO microSDHC UHS-I card
Sony	FDR-X1000V	microSD / microSDHC / microSDXC	SanDisk Extreme PRO microSDXC UHS-I card
Sony	HDR-AS100 POV Action Cam	microSD / microSDHC / Memory Stick Micro™	SanDisk Extreme PRO microSDHC UHS-I card
Veho	MUVI HD10	microSD / microSDHC up to 32GB	SanDisk Extreme PRO microSDHC UHS-I card
Veho	MUVI Atom	microSD up to 16GB	SanDisk Extreme PRO microSD card

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For more product information: www.sandisk.com/provideo
For your nearest dealer visit: www.sandisk.com/sandisk-support/find-a-retailer



* SanDisk Extreme PRO® CFast™ 2.0: Up to 440MB/sec write speed (2933X), up to 515MB/sec read speed. SanDisk Extreme PRO CompactFlash®: 16-128GB models up to 150 MB/sec write speed, 256GB capacity up to 140MB/sec write speed; up to 160MB/sec read speed. SanDisk Extreme PRO SDHC™ / SDXC™ UHS-II: Up to 280MB/sec (1867X) read speed. Write speed up to 250MB/s (1667X). SanDisk Extreme PRO SDHC / SDXC UHS-I and SanDisk Extreme PRO microSDHC™ / microSDXC™: Up to 95MB/sec (633X) read speed. Write speed up to 90MB/s (600X). SanDisk Extreme® CompactFlash: Up to 60MB/sec read / write speed. SanDisk Extreme PLUS SDHC / SDXC: Up to 80MB/sec read speed; up to 60MB/sec write speed (16-128GB models); 8GB capacity up to 30MB/sec write speed. SanDisk Extreme SDHC / SDXC: Up to 80MB/sec read speed; up to 60MB/sec write speed (16-256GB models); 8GB capacity up to 30MB/sec write speed. SanDisk Extreme PLUS microSDHC / microSDXC: Up to 80MB/sec read speed, up to 40MB/sec write speed (32 & 64GB models); 16GB capacity up to 80MB/sec read speed, up to 30MB/sec write speed. SanDisk Extreme SDHC / SDXC: Up to 60MB/sec read speed; up to 40MB/sec write speed (16-128GB models); 8GB capacity up to 30MB/sec write speed. SanDisk Extreme microSDHC / microSDXC: Up to 60MB/sec read speed, up to 40MB/sec write speed (32 & 64GB models); 16GB capacity up to 80MB/sec read speed, up to 30MB/sec write speed. Based on internal testing; performance may be lower depending upon host device. 1MB=1,000,000 bytes. X=150KB/sec.

¹ Video Performance Guarantee enabled to ensure video recording at 65MB/sec minimum sustained write speed. 1MB=1,000,000 bytes.

² 4K (4096x2160), 4K UHD (3840x2160), Full HD (1920x1080) and 3D video support may vary based upon host device, file attributes and other factors. See www.sandisk.com/HD.

³ Lifetime limited: 30 years warranty in Germany, Canada and regions not recognizing Lifetime warranty. See www.sandisk.com/wug.

⁴ Registration required. Terms and conditions apply.

⁵ UHS Speed Class 3 designates a performance option designed to support 4K Ultra HD video recording with enabled UHS host devices.

⁶ 1GB=1,000,000,000 bytes. Actual user storage less.

⁷ ProRes 4444 2K 4:3 @ 24fps. Approximations: results will vary based on file size, resolution, compression, bit rate, content, host device, pre-loaded files and other factors.

⁸ Based on MPEG-2 4:2:2 1080/50i @ 50Mbps. Approximations: results will vary based on file size, resolution, compression, bit rate, content, host device, pre-loaded files and other factors.

⁹ SD™, SDHC, SDXC, microSD™, microSDHC and microSDXC card formats only; see product packaging and www.sandisk.com/proof for additional information and limitations.

¹⁰ Based on H.264 4K UHD 30fps @ 60Mbps. Approximations: results will vary based on file size, resolution, compression, bit rate, content, host device, pre-loaded files and other factors.

¹¹ Based on internal testing of sequential read and write speeds; performance may vary depending upon drive capacity, host device, OS and application.

¹² Based on ProRes 422 FHD 10-bit @ 150Mbps. Approximations: results will vary based on file size, resolution, compression, bit rate, content, host device, pre-loaded files and other factors.

¹³ Ten year warranty in regions not recognizing limited warranty.

¹⁴ Card not included.

¹⁵ Based on USB 3.0 specification; performance may vary depending on use case and host device. 1MB=1,000,000 bytes.

¹⁶ Video Performance Guarantee enabled to ensure video recording at 20MB/sec minimum sustained write speed. 1MB=1,000,000 bytes.

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