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Instruction Manual 

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Nextorage

Nextorage NX-A2PRO Series CFexpress 4.0 Type A Memory Card



Product Specifications

Specification	Details
Operating Voltage	3.3 V
Operating Environment	−12 °C to +72 °C (+10.4 °F to +161.6 °F)
Storage Environment	−20 °C to +85 °C (−4 °F to +185 °F)
Dimensions (W × L × T)	Approx. 20.0 mm × 28.0 mm × 2.8 mm (13/16 in. × 1 1/8 in. × 1/8 in.)
Mass	Approx. 3 g (0.11 oz)
Included Items	CFexpress Type A memory card (1), Case (1)

Attribute	Details
Form Factor	CFexpress Type A (≈20 × 28 × 2.8 mm)
Interface	PCIe 4.0 (x1 lane), NVMe 1.4 protocol
NAND Memory	pSLC (professional-grade)
Max Read Speed	Up to 1,950 MB/s
Max Write Speed	Up to 1,900 MB/s
Sustained Write Speed	1,900 MB/s
Video Performance Guarantee	VPG-800 certified; VPG-400 compatible
Power Saving	Dynamic Auto Power Save reduces consumption up to 89%
Operating Temperature	−12 °C to +72 °C (10 °F to 161 °F)

Attribute	Details
Storage Temperature	–20 °C to +85 °C
Durability	Shock, X-ray, UV, magnetism, and electrostatic resistance
Weight	Approx. 3 g
Warranty	5-year limited

Series Overview

- **Product Range:** CFexpress 4.0 Type A cards available in 160 GB, 320 GB, and 640 GB capacities.
- **World’s First VPG-800 Certified** Type A card — guarantees a minimum sustained write speed of 800 MB/s and is also compatible with VPG-400.
- Designed for high-performance professional photo and video workflows.

Before operating this memory card, please read this manual thoroughly, and retain it for future reference.

Operating Instructions

Follow these steps to operate the memory card:

1. Ensure the compatible product is turned off.
2. Insert the memory card into the designated slot with the correct orientation.
3. Turn on the compatible product and access the memory card’s content.

WARNING

To reduce fire or shock hazard, do not expose the unit to rain or moisture.
For the customers in the U.S.A.

NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC (POUR
LES CONSOMMATEURS AUX ÉTATS-UNIS. NON APPLICABLE AU CANADA, Y

COMPRIS LA PROVINCE DE QUEBEC)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

The number below is for the FCC-related matters only.

Supplier's Declaration of Conformity.

- **Trade Name** : Nextorage
- **Model** : NX-A2PRO160G / NX-A2PRO320G / NX-A2PRO640G
- **Responsible Party** : Violette Engineering Corporation
- **Address** : 313 Park Avenue Suite 300, Falls Church, VA 22046 USA
- **Mail** : info@violetteengineering.com

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Note This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the

receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Storage Recommendations

To maintain the memory card's longevity, store it in a suitable environment within the specified operating conditions mentioned in the manual. Avoid extreme temperatures or humidity levels.

Warranty Information

Understand the terms of the limited warranty provided by Nextorage. Note that misuse or abuse of the product may invalidate the warranty.

This product is manufactured by or for Nextorage Corporation.

UK Importer of Record: Nextorage Corporation, Kawasaki-eki-mae Tower Riverk 9F, 12-1, Ekimaehoncho, Kawasaki-ku, Kawasaki City, Kanagawa 210-0007.

Japan Manufacturer's authorized representative: (UK) 24hour Solutions Ltd. 15 Beaufort Court, Admirals Way, Canary Wharf, London, E14 9XL
United Kingdom For the Customers in the Republic of India Reduction in the Use of Hazardous Substances in Electrical & Electronic Equipment (Applicable in Republic of India).

This product and its components, consumables, parts or spares comply with the hazardous substances restriction of India's E-Waste (Management) Rules. The maximum allowable concentrations of the restricted substances are 0.1% by weight in homogenous materials for Lead, Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB) and Polybrominated Diphenyl Ethers (PBDE), and 0.01% by weight in homogenous materials for Cadmium, except for the exemptions specified in Schedule II of the aforesaid Rules.

For the Customers in Canada CAN ICES-3(B) / NMB-3(B) For the Customers in Europe Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other countries with separate collection systems)



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

WARNING

- TO AVOID CHOKING HAZARD, KEEP OUT OF REACH OF CHILDREN.
- DO NOT INSERT THIS MEMORY CARD INTO ANY MEMORY CARDSLOT FOR WHICH IT WAS NOT INTENDED.

This memory card may become hot after extended use. Use caution when touching it.

For more information about this memory card, compatible products, and downloading software, please refer to the following

URL. <https://www.nextorage.net/support/>

- This memory card can be used with CFexpress Type A Memory Card compatible products.
- To use this memory card with a personal computer, a card reader is required (sold separately).
- Proper operation with all other products is not guaranteed.

For the details on operations with compatible products, please refer to the product instruction manual.

- Copyright law prohibits unauthorized use of recordings.
- Recorded data is not erased completely by formatting or deleting of the product.

- When assignment transferring or disposing, break off the data in this memory card by your responsibility with using specially data erasing software or breaking this memory card physically.
- Do not touch the terminal with your hand or any metal object.
- Do not subject the memory card to strong impacts, or bend, drop, or wet the memory card intentionally.
- When this memory card becomes wet or dirty, wipe it before use.
- Do not attempt to disassemble or convert this memory card.
- Do not put a label to this memory card.
- We recommend that you make a backup copy of important data.

Please do not use or store this memory card in any environment exceeding the range of specified operating environment described below. Abuse or misuse will invalidate product warranty.

- This memory card is compatible with the Video Performance Guarantee 400 (VPG400) and the Video Performance Guarantee 800 (VPG800), defined by CFA standards. Transfer speed is not guaranteed for all usage environments.
- This memory card is formatted prior to shipping. To reformat this memory card, use an CFexpress Memory Card compatible products. For details, refer to the product instruction manual or support center.
- Recorded data may be damaged or lost in the following situations.
 - if you remove this memory card or turn off the power while formatting, reading or writing data.
 - If you use this memory card in locations subject to static electricity or electrical noise.
- When this memory card is not recognized with your product, turn the power off and on again or restart the product after removing this memory card.

Nextorage shall not be responsible for any damage to or loss of recorded data.

Design and specifications are subject to change without notice. CFexpress logo is trademarks licensed by the CompactFlash Association. VPG400/VPG800 Logo Certification Mark authorized by CompactFlash Association. ™ and ® are not mentioned

in each case in this manual.

LIMITED WARRANTY

United States and Canada only – 5 years

Nextorage Corporation (“Nextorage”), solely for purchases made in the United States and Canada, warrants this product against defects in material or workmanship for the original owner and any subsequent end user owner (s) (“You” or “Your”) for the time period set forth above as set forth herein.

Pursuant to this Limited Warranty

Nextorage will, at its option, i) replace the product with a new or recertified/refurbished product of the same (or similar) model ii) refund the purchase price upon confirmation of Your receipt or purchase record at the store where You purchased the product. For purposes of this Limited Warranty, “recertified” or “refurbished” means a product or part that has been returned to its original specifications. In the event of a defect, these you’re your exclusive remedies. Nextorage does not warrant that the operation of the product will be uninterrupted or error-free.

Term

For the time period set forth above from the original date of purchase of the product from the store authorized by Nextorage to sell the product.

This Limited Warranty covers only the hardware components packaged with the product. It does not cover separate accessories, technical assistance for hardware or soft ware usage and it does not cover any soft ware products whether or not contained in the product, and other included content; any such soft ware or other included content is provided “AS IS” unless expressly provided for in a separate written agreement.

In order to receive warranty service, the product must be returned according to the procedures of the store where it was purchased. To obtain warranty service, please contact the customer service department of the store where You purchased the product. Use of Your Personal Information. If You obtain service under this Limited Warranty, You authorize Nextorage to store, use and process information about the service provided to You and Your contact information (including Your name, phone number, address, and e-

mail address). Nextorage may use this information to perform service under this Limited Warranty in accordance with its Privacy Policy, which can be found here:

<https://www.nextorage.net/en/privacy/>

Loss of Data

Nextorage cannot guarantee that it will be able to refund or exchange any product under this Limited Warranty without risk to or loss of soft ware or data. It is Your responsibility to remove or backup any removable memory card or parts, data, soft ware or other materials You may have stored or preserved on Your product. It is likely that any memory card or parts, data, soft ware, or other materials (like pictures, music, videos, etc.) will be lost or reformatted during service and Nextorage will not be responsible for any such damage or loss.

Refund/Replacement Warranty

This Limited Warranty shall apply to any replacement, recertified or refurbished product for the remainder of the original Limited Warranty period or for ninety (90) days from the replacement, whichever is longer. Any product replaced under this Limited Warranty will become the property of Nextorage. Any replacement recertified or refurbished product provided under this Limited Warranty may, at Nextorage's option, vary in color and/or cosmetic design from the original product and may not include any original engraving or similar customization/personalization.

Exceptions

Nextorage is not responsible for, and this Limited Warranty does not cover, any damage arising from a failure to operate the product within its intended uses, or otherwise follow the owner's manual and safety instructions relating to the product's use and installation. Nextorage is not responsible for any labor costs You may incur relating to service from service providers other than from the store's Customer Service or retailer where the product was purchased.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use. This Limited Warranty does not cover products purchased from sources other than authorized stores, or issues due to:

- outdoor exposure and other acts of nature;
- power surges;

- accidental damage;
- abuse;
- limitations of technology;
- cosmetic damage;
- contact with liquid, heat, humidity or perspiration, sand, smoke, or foreign materials;
- damage, malfunction and/or failure to the product resulting from use of parts or supplies not sold or authorized by Nextorage;
- damage, malfunction and/or failure to the product resulting from servicing not authorized or performed by Nextorage;
- computer or internet viruses, bugs, worms, or Trojan Horses;
- malfunctions due to peripherals/accessories;
- modifications of or to any part of the product, including “rooting” or other modifications to control the behavior of the product or any factory installed operating system;
- use of the product with constant or repetitive recording applications such as drive recorders, surveillance cameras, server applications, and constant playback applications such as digital signage, or industrial applications; or
- any product where the factory-applied serial number has been altered or removed from the product.

LIMITATION ON DAMAGES: Nextorage SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY OR CONDITION ON THIS PRODUCT. NOR SHALL RECOVERY OF ANY KIND AGAINST Nextorage BE GREATER THAN THE ORIGINAL PURCHASE PRICE OF THE PRODUCT FROM Nextorage OR AN AUTHORIZED STORE.

DURATION OF IMPLIED WARRANTIES OR CONDITIONS: EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS LIMITED WARRANTY.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to You. This Limited Warranty gives You specific legal rights and You may have other rights which vary from jurisdiction to jurisdiction.

For purchases made in the U.S.: Read the following Dispute Resolution/ Arbitration provision carefully. It details Your rights and instructions should a dispute related to the product arise.

What Happens If We Have A Dispute: Should a dispute or claim arise related to the product, Your purchase and/or use of the product, the terms of this Limited Warranty, or any service provided under the terms of this Limited Warranty (including any repair or replacement) (“Dispute”), You and Nextorage agree that the Dispute shall be resolved exclusively through binding arbitration. YOU UNDERSTAND AND ACKNOWLEDGE THAT BY AGREEING TO ARBITRATION, YOU ARE GIVING UP THE RIGHT TO LITIGATE (OR PARTICIPATE IN AS A PARTY OR CLASS MEMBER) IN ANY DISPUTES IN COURT. You also agree that ANY DISPUTE RESOLUTION PROCEEDING WILL ONLY CONSIDER YOUR INDIVIDUAL CLAIMS, AND BOTH PARTIES AGREE NOT TO HAVE ANY DISPUTE HEARD AS A CLASS ACTION, REPRESENTATIVE ACTION, CONSOLIDATED ACTION, OR PRIVATE ATTORNEY GENERAL ACTION.

Despite the above, You have the right to litigate any Dispute on an individual basis in small claims court or other similar court of limited jurisdiction, to the extent the amount at issue does not exceed \$15,000, and as long as such court has proper jurisdiction and all other requirements (including the amount in controversy) are satisfied.

Arbitration Instructions

To begin Arbitration, either You or Nextorage must make a written demand to the other for arbitration. The Arbitration will take place before a single arbitrator. The arbitration will be administered in keeping with the Expedited Procedures of the Commercial Arbitration Rules and the Supplementary Proceedings for Consumer-Related disputes (“Rules”) of the American Arbitration Association (“AAA”), when applicable and in effect when the claim is filed. You may get a copy of AAA’s Rules by contacting AAA at [800-778-7879](tel:800-778-7879) or visiting www.adr.org.

The filing fees to begin and carry out arbitration will be shared between You and Nextorage, but in no event shall Your fees ever exceed the amount allowable by the special rules for Consumers Disputes provided for by AAA, at which point Nextorage will cover all additional administrative fees and expenses. This does not prohibit the

Arbitrator from giving the winning party their fees and expenses of the arbitration when appropriate pursuant to the Rules. Unless You and Nextorage agree differently, the arbitration will take place in the county and state where you live, and applicable federal or state law shall govern the substance of any Dispute during the arbitration. However, the Federal Arbitration Act, 9 U.S.C. § 1, et seq., will govern the arbitration itself and not any state law on arbitration. The Arbitrator's decision will be binding and final, except for a limited right of appeal under the Federal Arbitration Act.

Opt-Out Instructions. IF YOU DO NOT WISH TO BE BOUND BY THE BINDING ARBITRATION PROVISION, THEN:

1. You must notify Nextorage in writing within 30 days of the date that You purchased the product;
2. Your written notification must be mailed to Nextorage Corporation, Kawasaki-eki-mae Tower Riverk 9F 12-1 Ekimaehoncho, Kawasaki-ku Kawasaki city Kanagawa 210-0007 Japan. AND
3. Your written notification must include
 - Your NAME,
 - Your ADDRESS,
 - the DATE You purchased the product, and
4. a clear statement that "YOU DO NOT WISH TO RESOLVE DISPUTES WITH Nextorage THROUGH ARBITRATION AND/OR BE BOUND BY THE CLASS ACTION WAIVER" Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and You will continue to enjoy the benefits of the limited warranty.

For the countries other than U.S.A. and Canada – 5 years

If this product is not functioning under the conditions and guidelines presented in the instruction manual, Nextorage Corporation ("Nextorage") will repair the product or replace it with an equivalent product, free of charge. Nextorage may, at its option, refund the product purchase price instead of repairing/replacing the product. Nextorage will take no responsibility or liability for any data loss/damage arising as a result of any defect or damage to the products. This warranty is valid only within the country/region where this product was originally purchased. To receive warranty service, the product

must be returned according to the procedures of the store where it was purchased. To obtain warranty service, please contact the customer service department of the store where You purchased the product. Use of Your Personal Information. If You obtain service under this Limited Warranty, You authorize Nextorage to store, use and process information about the service provided to You and Your contact information (including Your name, phone number, address, and e-mail address). Nextorage may use this information to perform service under this Limited Warranty in accordance with its Privacy Policy, which can be found here: <https://www.nextorage.net/en/privacy/>



FAQs

Where can I find more information about the memory card?

For additional details, compatible products, and software downloads, visit Nextorage Support Page.

What should I do if the memory card becomes hot during use?

Exercise caution when handling a hot memory card and allow it to cool down before further use.

What is covered under the limited warranty?

The limited warranty covers hardware components packaged with the product, excluding separate accessories and software products.

Documents / Resources



[Nextorage NX-A2PRO Series CFexpress 4.0 Type A Memory Card \[pdf\]](#) |
Instruction Manual
NX-A2PRO320G, INE SYM, NX-A2PRO Series CFexpress 4.0 Type A Memory Card, CFexpress 4.0 Type A Memory Card, 4.0 Type A Memory Card, Memory Card

References

- [User Manual](#)

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4.0 Type A Memory Card, CFexpress 4.0 Type A Memory Card, INE SYM, Memory Card, Nextorage, NX-A2PRO Series CFexpress 4.0 Type A Memory Card, NX-A2PRO320G

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