

Card Reader

NX-SA1PRO

CFexpress 2.0/4.0 Type A

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NX-SB1PRO

CFexpress 2.0/4.0 Type B

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The NX-SA1PRO is a dedicated CFexpress Type A card reader, while the NX-SB1PRO is a dedicated CFexpress Type B card reader. Both support the USB 40Gbps (USB4) interface, which offers a transfer speed of up to 5,000 MB/s, maximize the high-speed performance of CFexpress 4.0 Type A and Type B cards.

Proprietary heat sink design to suppress temperature rise

To support the high-speed performance of CFexpress 4.0, a proprietary large heat sink was developed to enhance internal cooling. This effectively suppresses temperature rise in both the CFexpress 4.0 card and the card reader during high-speed data transfers using standards like CFexpress 4.0 and USB 40Gbps. By minimize the occurrence of thermal throttling^{*2}, it ensures fast and stable data transfer, significantly improving workflow efficiency.



Full compatibility with existing devices

While enabling high-speed transfers with the latest USB 40Gbps (USB4) standard, it also maintains compatibility with previous standards, allowing long-term use across a wide range of devices. This ensures seamless integration with existing devices while leveraging the advanced capabilities of USB 40Gbps.

Maximize the high-speed performance of CFexpress 4.0 memory cards with a USB 40Gbps interface

With USB 40Gbps (maximum transfer speed: 5,000 MB/s), the high-speed transfer performance of CFexpress 4.0 (maximum standard transfer speed: 4,000 MB/s) CFexpress Type B memory cards can be fully maximized. The "NX-B2PRO Series 330 GB" CFexpress Type B memory card, which boasts a maximum read speed of 3,900 MB/s, achieves a stable data read speed of 3,300 MB/s.

^{*2}A control function that reduces transfer speed to prevent thermal runaway.