“expressP2 drive” with High-Speed Thunderbolt™ 3 Interface
Speeds up Video Production Workflow of 4K/high-frame-rate

The AU-XPD3 Memory Card Drive “expressP2 drive” uses the Thunderbolt™ 3 interface to achieve high speed data transfer. The expressP2 card B series are developed as recording media for the Panasonic VariCam series camera, due to record 4K/high-frame-rate video. The AU-XPD3 takes full advantage of the high data transfer performance (maximum 10 Gbps*) of this media, thus achieving about four times* faster transfer speed than its predecessor, the AU-XPD1/USB 3.0. When two AU-XPD3 units are daisy-chained, data can be transferred at an increased speed of 17.6 Gbps.*

The card slot accommodates an expressP2 card, P2 card or microP2 card (adaptor required). The AU-XPD3 contributes to speedier 4K/high-frame-rate video production workflows using VariCam.

*The actual data transfer speed and data transfer time depend on the system performance.
High-speed Thunderbolt™ 3 interface
The high-speed Thunderbolt™ 3 interface incorporated in the AU-XPD3 is capable of transferring data at a maximum speed of 40 Gbps, which is eight times faster than the transfer speed of USB 3.0, and also supports daisy-chain connection of up to six devices. As a next-generation standard interface, it is used with many Windows PCs and Mac computers, and its application is expanding widely into various products, such as hard-disk drives and other storage devices as well as Thunderbolt™ 2 conversion adapters.

Transfer speed of 10 Gbps*1 reduces transfer time to 1/4
The Thunderbolt™ 3 interface maximizes the high data transfer performance of the expressP2 card B series. The maximum transfer speed of 10 Gbps*1 (measured value) enables offloading of 512 GB content (AVC-Intra4K422/24p recording of about three hours) in approximately seven minutes.*1

Single drive performance

Comparison of the copy time
When copying files of 512 GB (AVC-Intra4K 422 24p, 3 hours).

Increasing transfer speed with a daisy-chain connection
The AU-XPD3 supports daisy-chain connection. When two expressP2 drive units are used to simultaneously access two expressP2 cards, the transfer speed increases to 17.6 Gbps*4 maximum. (measured value). This enables offloading of 1 TB content (about six hours) in approximately eight minutes.*1

Daisy-chain performance

Comparison of the copy time
When copying files of 1 TB (AVC-Intra4K 422 24p, 6 hours).

Supports expressP2, P2 and microP2 cards
The card slot (one slot) accommodates an expressP2 card, P2 card or microP2 card (adaptor required). Thus, the AU-XPD3 can be used not only with the VariCam series but also with the P2HD series.*2

ExpressionP2 card P2 card microP2 card

Specifcation
(As of August, 2017)
Power: DC 16 V 3.1 A
Input: AC 100 V — 240 V, 50 Hz/60 Hz, 1.5 A — 0.8 A
Output: DC 16 V, 3.75 A
Weight: Approx. 1.2 kg (2.65 lb)
Operating Temperature: 0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity: 10 % to 85 % (no condensation)
Dimensions: 126 mm × 62 mm × 216.5 mm (excluding protrusion)
(W × H × D): 431/32 inches × 27/16 inches × 817/32 inches
Connector Configuration: USB Type-C connector x 2
Card Slot: PC card slot x 1 (CardBus/PCI Express Base Specification)

Supported OS: Microsoft® Windows 10 (64 bit), macOS 10.12
Main Memory: 4 GB is recommended
Interface: Thunderbolt™ 3 compliant

*Specifications are subject to change without notice.

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