



THUNDERBOLT™



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

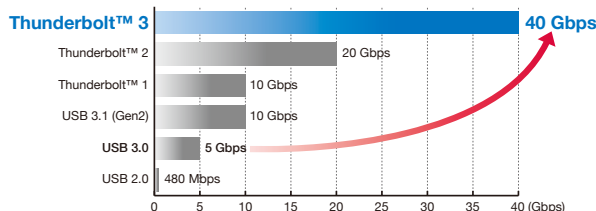
The AU-XPD3 Memory Card Drive "expressP2 drive" uses the Thunderbolt™ 3 interface to achieve high speed data transfer. The expressP2 card B series are developed as recording media for the Panasonic VariCam series camera, due to record 4K/high-frame-rate video. The AU-XPD3 takes full advantage of the high data transfer performance (maximum 10 Gbps*1) of this media, thus achieving about four times*1 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.*1 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.

*1: The actual data transfer speed and data transfer time depend on the system performance.

AU-XP3 — expressP2 drive with Thunderbolt™ 3 Interface

High-speed Thunderbolt™ 3 interface

The high-speed Thunderbolt™ 3 interface incorporated in the AU-XP3 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 adaptors.



Transfer speed of 10 Gbps*1 reduces transfer time to 1/4

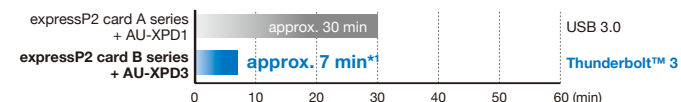
The Thunderbolt™ 3 interface maximizes the high data transfer performance of the expressP2 card B series. The maximum transfer speed of 10 Gbps*1 (measured value) enables offloading of 512 GB content (AVC-Intra 4K422/24p recording of about three hours) in approximately seven minutes.*1

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

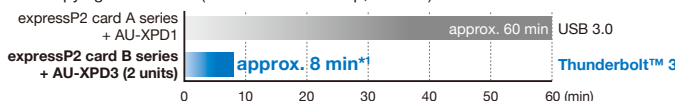
The AU-XP3 supports daisy-chain connection. When two expressP2 drive units are used to simultaneously access two expressP2 cards, the transfer speed increases to 17.6 Gbps*1 maximum. (measured value). This enables offloading of 1 TB content (about six hours) in approximately eight minutes.*1

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-XP3 can be used not only with the VariCam series but also with the P2HD series.*2



* The AU-XP3 does not support CPS (Content Protection System).

*1: The actual data transfer speed and data transfer time depend on the system performance.

*2: A transfer speed of 10 Gbps is attained only when the expressP2 card B series is used. When another type of P2 card is used, the transfer speed is restricted by the transfer speed of the P2 card used.

Specification

(As of August, 2017)

Power:	DC 16 V 3.1 A
AC adaptor:	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 x 62 mm x 216.5 mm (excluding protrusion) (W x H x D) (4-31/32 inches x 2-7/16 inches x 8-17/32 inches)
Connector Configuration:	USB Type-C connector x 2
Card Slot:	PC card slot x 1 (CardBus/PCI Express Base Specification)

PC Operation Requirements

(As of August, 2017)

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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Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)

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