AV PRO SE
CFexpress B

CFexpress™ v4 Type B

| 512 GB | 1 TB | 2 TB | 4 TB |

CF express 4 ™ B

AV PRO SE
CFexpress B
4TB
3700 MB/s

ANGELBIRD

CFexpress™ v4 Type B

Ultra high-speed media with futureproof v4 technology
ideal for up to 12 K+ RAW video and photo production

Stable Stream™
consistent read and write performance across the entire capacity

Rock-solid build

Advanced Thermal Management
protects card from overheating

Minimal power draw
to keep camera battery alive as long as possible

Host Power Loss Protection

In-house Data Recovery Service[1]
on hard- and software level

Free custom engraving option

GENERAL

Type
CFexpress™ Type B

Model
MK2

Capacities
512 GB, 1 TB, 2 TB, 4 TB

Unit dimensions
38.5 × 3.8 × 29.8 mm
(1.52 × 0.15 × 1.17 in)

Unit weight
~ 7 g | 0.25 oz

TECHNICAL

Interface
CFexpress™ v4 Type B,
PCIe 4.0 x2

Features
Temperature sensor, TRIM[2],
ECC, EMS protection, SMART[2],
power management

PERFORMANCE (512 GB)[3]

Maximum speeds
Read: 3700 MB/s
Write: 1100 MB/s

Sustained speeds
Read: 3500 MB/s
Write: 1050 MB/s

PERFORMANCE (1 TB)[3]

Maximum speeds
Read: 3700 MB/s
Write: 2300 MB/s

Sustained speeds
Read: 3500 MB/s
Write: 2100 MB/s

PERFORMANCE (2 TB, 4 TB)[3]

Maximum speeds
Read: 3700 MB/s
Write: 3500 MB/s

Sustained speeds
Read: 3500 MB/s
Write: 3150 MB/s

RELIABILITY

Certifications
CE, RoHS, FCC, UKCA, RCM,
REACH, KC

ELECTRICAL

DC input voltage
3.3 V ± 10 %

Power usage (idle/max)
Sleep   < 50 mW
Idle   ~ 800 mW
Max   up to 3.75 W

ENVIRONMENTAL

Shock resistance
Non-operational: 50 G

Vibration resistance
Non-operational: 15 G

Temperature resistance
Operating:
-12 °C | 72 °C
10 °F | 162 °F

Storage:
-40 °C | 85 °C
-40 °F | 185 °F

Operating humidity
5 % to 95 % non-condensing

WARRANTY[4]

3-year limited warranty

PACKAGE CONTENT

AV PRO SE CFexpress B

RETAIL PACKAGING DETAILS

Box dimensions
126 × 16 × 73 mm
4.96 × 0.63 × 2.87 in

Box weight
~ 40 g | 1.41 oz

ORDERING INFORMATION

512 GB

SKU AVP512CFXBSEMK2
EAN 9120056587254
UPC 812937026073

1 TB

SKU AVP1T0CFXBSEMK2
EAN 9120056587261
UPC 812937026080

2 TB

SKU AVP2T0CFXBSEMK2
EAN 9120056587315
UPC 812937026134

4 TB

SKU AVP4T0CFXBSEMK2
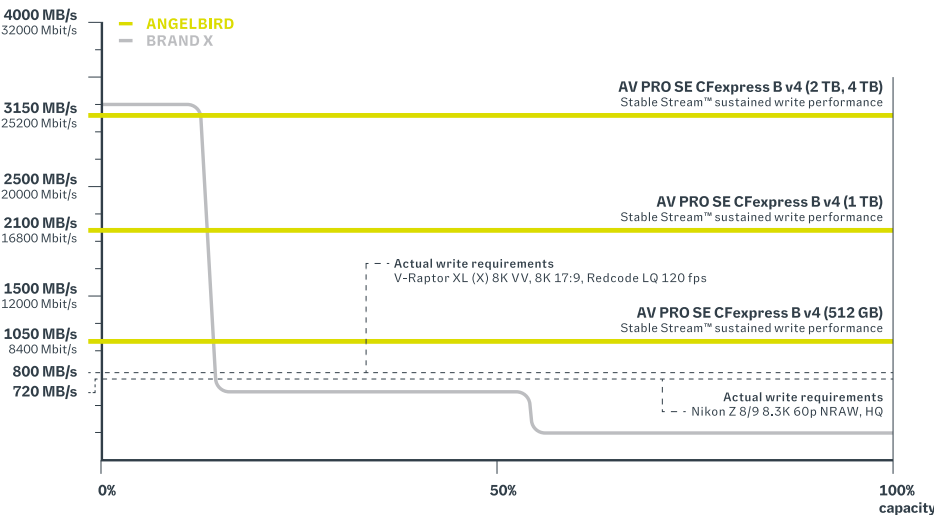EAN 9120056587322
UPC 812937026141

[1] Data recovery service exclusively provided by Angelbird in Austria.
[2] TRIM and SMART support depending on the OS used.
[3] Speeds based on internal testing. Actual transfer rates and capacity may vary depending on system hardware and other factors. 4K, 6K, 8K, 12K, and Full HD support may vary depending on host device, file attributes, and other factors.
[4] Visit angelbird.com/warranty to activate your 3-year limited warranty within 30 days of purchase.

Graph:

ANGELBIRD
BRAND X

4000 MB/s
32000 Mbit/s

3150 MB/s
25200 Mbit/s

AV PRO SE CFexpress B v4 (2 TB, 4 TB)
Stable Stream™ sustained write performance

2500 MB/s
20000 Mbit/s

2100 MB/s
16800 Mbit/s

AV PRO SE CFexpress B v4 (1 TB)
Stable Stream™ sustained write performance

Actual write requirements
V-Raptor XL (X) 8K VV, 8K 17:9, Redcode LQ 120 fps

1500 MB/s
12000 Mbit/s

1050 MB/s
8400 Mbit/s

AV PRO SE CFexpress B v4 (512 GB)
Stable Stream™ sustained write performance

800 MB/s
720 MB/s

Actual write requirements
Nikon Z 8/9 8.3K 60p NRAW, HQ

0%   50%   100% capacity

Designed and engineered in Austria