Essential 4-in-1 Card Reader (EXCRFBS1)

10Gbps Dual-slot Card Reader

Specifications

Physical Dimension
- 57.7*54.5*15 (mm)

Weight
- 75g

Color
- Silver

Interface
- USB3.2 Gen 2 10Gbps

USB Connector
- USB Type C

Card Slot
- CFexpress Type B Card Slot
- SDexpress Card Slot

Input Voltage
- 5V

Transfer speed
- Up to 10Gbps

Accessories
- USB-C to USB-C & USB-A hybrid cable
- 2 pcs metal stickers

Compatibility
- Windows 11/10
- Windows Server 2016/2012 R2/2012
- CentOS, Fedora, FreeBSD, openSUSE, Red Hat, Ubuntu, VMware ESXi, Citrix, KVM

Memory Cards Supported
- NVMe CFexpress Type B Card
- SD UHS-I, SDHC/SDXC/SDUC, Backward Compatible with SD7.1/SD6.0/3.0
- MicroSDXC/ microSDHC/ microSD
- SD Express

Environment
- Operating temperature: -10℃ ~ 50℃
- Storage temperature: -20℃ ~ 55℃

Product Safety Certification
- CE / FCC / RoHS

Warranty
- 2-year limited warranty

Products and specifications are subject to change by Exascend without notice.
Customized solutions available upon request. Contact us at https://cinema.exascend.com/contact-us/.

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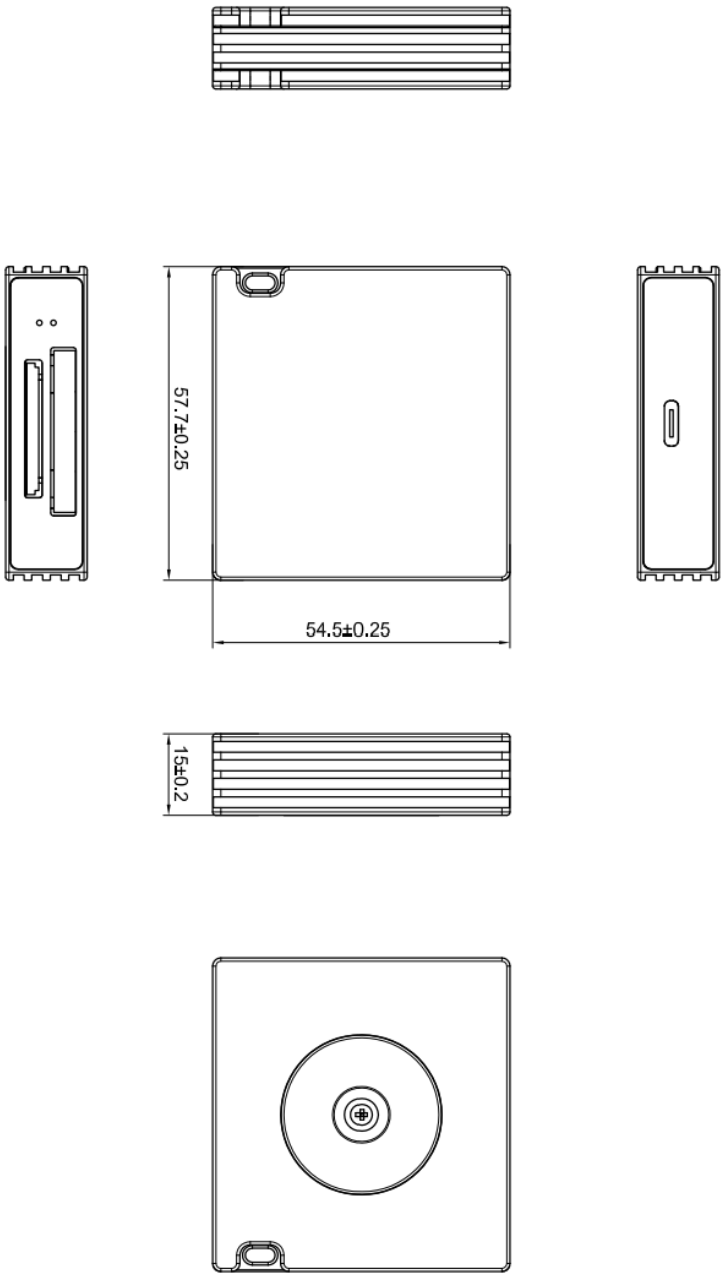
Product Datasheet

1. Order Information

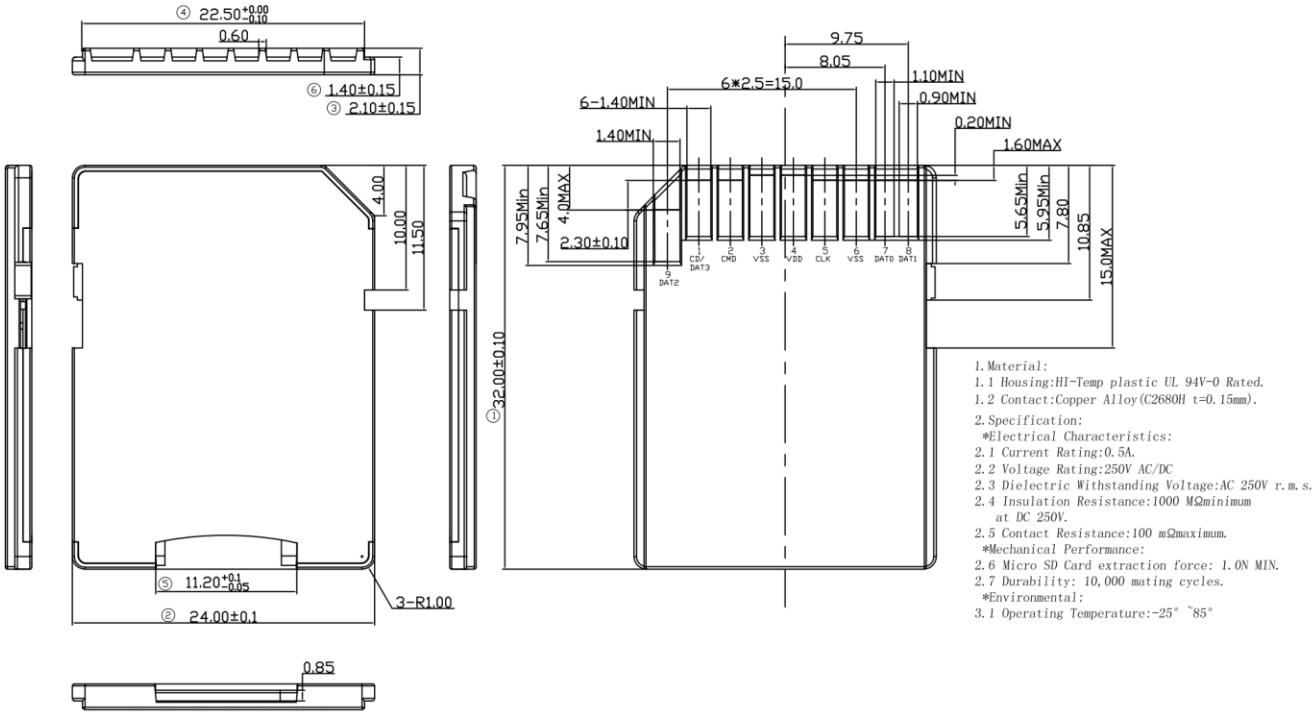
Part Number	Package Includes
EXCRFBS1	- Dual slots (CFexpress Type B Card +SDexpress) card reader
	- microSD to SD card adapter
	- USB-C to USB-C & USB-A hybrid cable
	- metal plates 2pcs

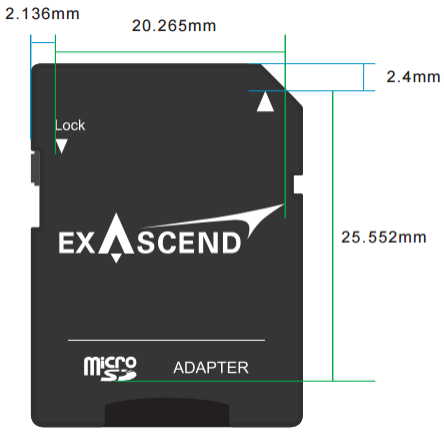
2. Physical Dimension Diagram



Physical Dimensions	Value	Unit
Length	57.7	mm
Width	54.5	mm
Thickness	15	mm

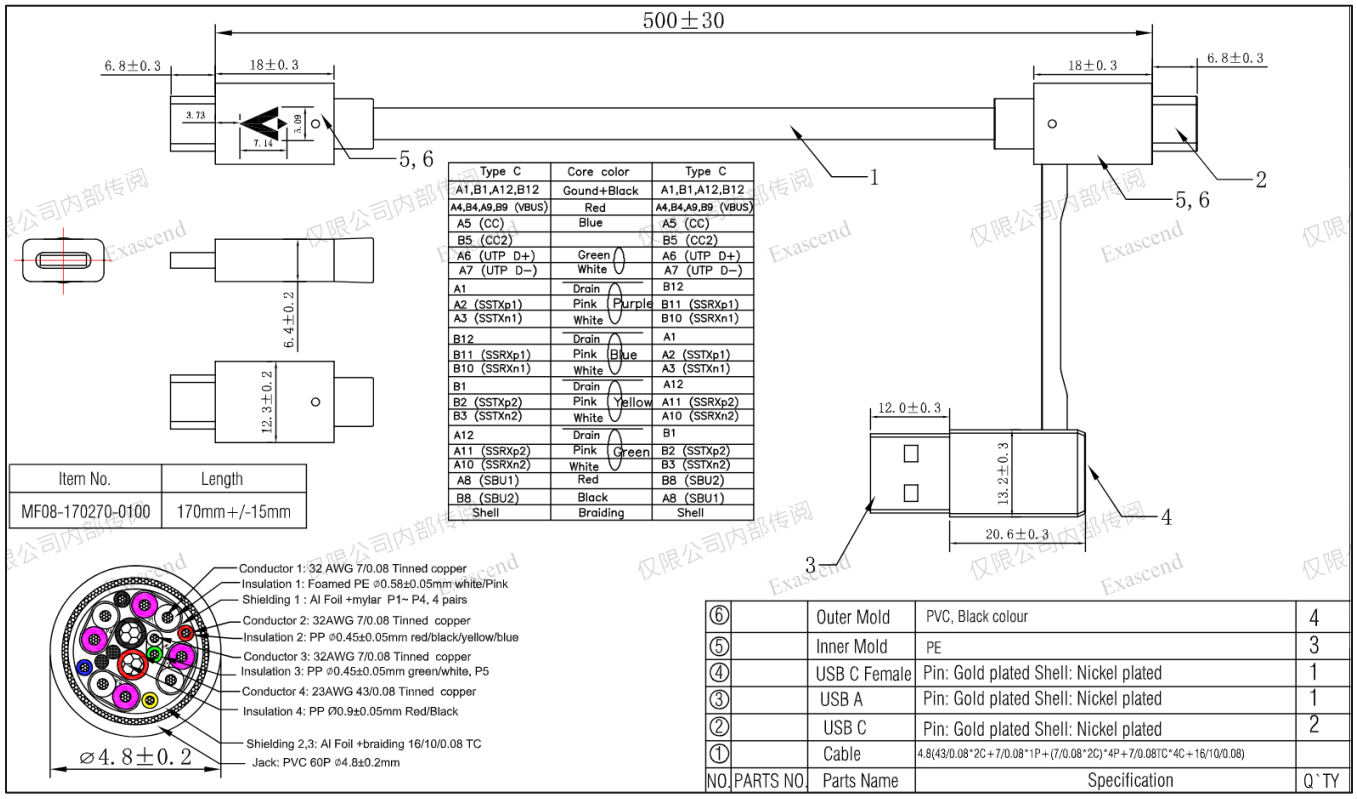
microSD to SD card Adapter





☐ White

USB-C to USB-C & USB-A hybrid cable

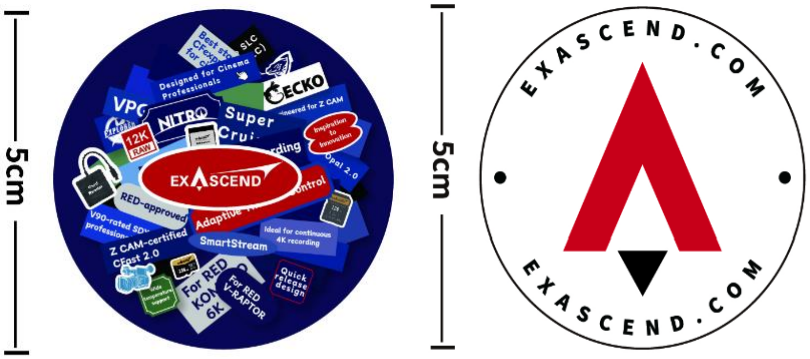


Item No.	Length
MF08-170270-0100	170mm+/-15mm

Type C	Core color	Type C
A1,B1,A12,B12	Gound+Black	A1,B1,A12,B12
A4,B4,A9,B9 (VBUS)	Red	A4,B4,A9,B9 (VBUS)
A5 (CC)	Blue	A5 (CC)
B5 (CC2)		B5 (CC2)
A6 (UTP D+)	Green	A6 (UTP D+)
A7 (UTP D−)	White	A7 (UTP D−)
A1	Drain	B12
A2 (SSTXp1)	Pink Purple	B11 (SSRXp1)
A3 (SSTXn1)	White	B10 (SSRXn1)
B12	Drain	A1
B11 (SSRXp1)	Pink Blue	A2 (SSTXp1)
B10 (SSRXn1)	White	A3 (SSTXn1)
B1	Drain	A12
B2 (SSTXp2)	Pink Yellow	A11 (SSRXp2)
B3 (SSTXn2)	White	A10 (SSRXn2)
A12	Drain	B1
A11 (SSRXp2)	Pink Green	B2 (SSTXp2)
A10 (SSRXn2)	White	B3 (SSTXn2)
A8 (SBU1)	Red	B8 (SBU2)
B8 (SBU2)	Black	A8 (SBU1)
Shell	Braiding	Shell

NO.	PARTS NO.	Parts Name	Specification	Q`TY
⑥		Outer Mold	PVC, Black colour	4
⑤		Inner Mold	PE	3
④		USB C Female	Pin: Gold plated Shell: Nickel plated	1
③		USB A	Pin: Gold plated Shell: Nickel plated	1
②		USB C	Pin: Gold plated Shell: Nickel plated	2
①		Cable	4.8(43/0.08*2C+7/0.08*1P+(7/0.08*2C)*4P+7/0.08TC*4C+16/10/0.08)	

Metal plates



5cm×5cm　　5cm×5cm

3. Part Number Decoder

1	2	3	4
EX	CR	FBS	1

1. Exascend
2. Product

    CR= Card Reader

3. Card Slot

    CFT= CFast

    CFX= CFexpress Type B

    FBS= CFexpress Type B+ SDexpress

4. Speed

    1= 10Gbps

    2= 20Gbps

    4= 40Gbps

4. Compliance

Exascend Essential card reader complies with the following specifications:

- FCC
- CE
- RoHS

Legal Information

Limited Warranty Policy

Exascend Corporation ("Exascend") warrants that Exascend's product, in its original sealed packaging, will be free from defects in materials and workmanship. Subject to the conditions and limitations set forth below, Exascend will either repair or replace any part of its products that prove defective by reason of improper workmanship or materials. This warranty is non-transferable and valid only for the original purchaser of the Exascend products, except where prohibited by law. An original or copy sales receipt or invoice is required to establish purchase date and original purchaser.

1. This warranty supersedes all other warranties and representations, whether oral or written, between you and Exascend. Exascend makes no other warranties, including any warranty of merchantability or fitness for a particular purpose, whether expressly or implied.

2. All warranties, whether express or implied, are limited to the periods of time set forth below. Some states and jurisdictions do not allow such exclusion of implied warranties, limitations or warranty period, so above restrictions may not apply to you.

3. Exascend may acknowledge or read and save the data and information (collectively, "Information") stored in the product during after services. Exascend hereby agrees that Exascend will not disclose any Information to any third parties, except Exascend's employees, who may need to access the Information, with or without your prior written consent.

Warranty Terms

We offer five (2) years limited warranty for our Card Reader.

The warranty period is the SHORTER OF:

- a period of five (2) years beginning from the date of purchase; or

This Limited Warranty will not apply to, and Exascend will have no liability or obligation with respect to, problems or damage resulting from any of the following: (i) accident, modification, neglect, abuse, careless or incorrect handling, misuse or improper operation, disassembly, misapplication or use in unusual physical environments or under operating conditions not approved by Exascend (including, but not limited to, use of the Product with an improper voltage supply); (ii) normal wear and tear; (iii) removal of label(s) or sticker(s) provided on or with the Product (including all warranty or quality-control stickers, product serial or electronic numbers); (iv) problems relating to or residing in non-Exascend hardware, software or other items with which the Product is used; (v) use in an environment, in a manner or for a purpose for which the Product was not designed or not in accordance with Exascend's published documentation; (vi) installation, modification, alteration or repair by anyone other than Exascend or its authorized representatives; (vii) problems that do not relate to materials or workmanship or that have an insignificant impairment on the use or operation of the Product; or (viii) problems related to consumables; (ix) Product purchased "AS-IS" or "with known faults, defects or problems." Additionally, Exascend will have no liability or obligation to recover any data in the Product.

Disclaimer of Liability

Exascend, Inc. reserves the right to make changes to specifications and product descriptions such as but not limited to numbers, parameters and other technical information contained herein without notice. Please contact Exascend, Inc. to obtain the latest specifications. Exascend, Inc. grants no warranty with respect to this datasheet, explicit or implied, and is not liable for direct or indirect damages. Some states do not grant the exclusion of incidental damages and as such this statement may not be valid in such states. The provisions of the datasheet do not convey to the purchaser of the device any license under any patent right or other intellectual property right of Exascend, Inc.

Customers must not use Exascend products in applications where a device failure or malfunction may cause personal injury or death, e.g., in life support systems or devices.

Exascend shall not be liable for any loss, injury or damage caused by use of the products in any of the following applications:

- Medical-related devices, life support, medical measurement devices, etc.
- Control devices for trains, ships, mass transportation systems or automotive vehicles, etc.
- Specific applications including military/defense-related equipment, aerospace, nuclear facility control systems, etc.
- Safety systems for disaster prevention/crime prevention, etc.

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Revision History

REVISION	DESCRIPTION	DATE
001	First released	Dec, 2023
002	Add dimensions	Jan, 2024
003	URL updated	Jun, 2024
004	Cable Description Update	Oct., 2024