

JF720 series

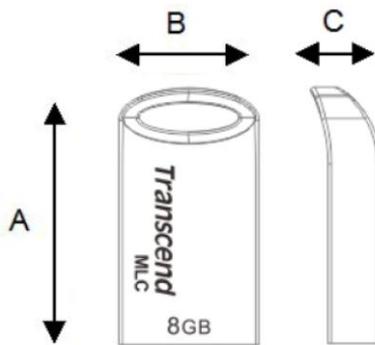
Description

JF720S is an USB3.1 Gen 1 Flash Drive with COB process. A user can easily use it with an additional storage capacity for tablets, ultra-thin notebooks, car audio system and any other USB platforms. This product design is ultimate small, and can be linked to your devices wherever you go without removing

Features

- Refined zinc alloy body. All body plated with silver color.
- COB (Chip on Board) manufacturing technique
- Ultimate small and lightweight
- Transcend Elite software pack

Outline



Dimensions

Side	Millimeters	Inches
A	22.4 ± 0.2	0.881 ± 0.0079
B	12.2 ± 0.1	0.48 ± 0.004
C	6.0 ± 0.1	0.236 ± 0.004

Product Features

1. Built-in ECC Engine

In event of errors, the combined data allow the recovery of the original data. The number of errors that can be recovered depends on the algorithm used.

2. Wear-leveling

This function means the data are no longer tied to a single physical area, which can extend Card's life expectancy.

3. Read Retry

The function allows the read voltage to be dynamically adjusted such that read errors are decreased or even eliminated.

Specifications

Physical Specification	
Connector Form Factor	USB Type-A
USB specification	USB3.1 Gen 1 (5Gbps)
NAND flash	MLC

Performance		
Model P/N	Sequential Read (MB/S)*	Sequential Write (MB/S)*
TS8GJF720	110	25
TS16GJF720	130	25
TS32GJF720	130	45

Note: Maximum transfer speed recorded

* 25 °C , 4GB DRAM, Windows[®] 7, benchmark utility Crystal DiskMark , copied file 1000MB, unit MB/s

Endurance		
<u>TeraBytes Written (T.B.W)</u>	TS8GJF720	15
	TS16GJF720	30
	TS32GJF720	60

*TBW is based on Transcend internal standard with fresh flash to calculate how much data can be written into the drive. TBW may vary due to different operation.

**1 TeraByte=1,000,000,000 bytes

Bus Mode/ Power Consumption		
Power Supply		5V ± 10%
		Value(Max.)
Super-Speed Mode	Read	105mA
	Write	165mA
	Idle	95mA

Note: Power consumption is measured based on Transcend internal Test

Environmental Specifications		
Operating Temperature	- 0C to 70C	
Storage Temperature	- 40°C to 85°C	
Humidity	Operating	0% ~ 95% (Non-condensing)
	Non-Operating	0% ~ 95% (Non-condensing)
Vibration	3G(peak-to-peak), 5Hz to 800Hz (Frequency)	
Shock	1500G, 0.5ms, 3axis	
MTBF	3,000,000 hours	

Order information

Capacity	Transcend Part Number
8GB	TS8GJF720
16GB	TS16GJF720
32GB	TS32GJF720

The technical information above is based on industry standard data and has been tested to be reliable. However, Transcend makes no warranty, either expressed or implied, as to its accuracy and assumes no liability in connection with the use of this product. Transcend reserves the right to make changes to the specifications at any time without prior notice. Due to the complexity and variety of industrial applications, for special applications and environments, it is strongly suggested to contact Transcend or its authorized resellers beforehand for compatibility confirmation.

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Revision History

Version	Date	Note
1.0	2016/10/26	The 1 st SD edition
1.1	2018/01/10	Update Environmental Specifications
1.2	2018/06/14	Update Product Picture