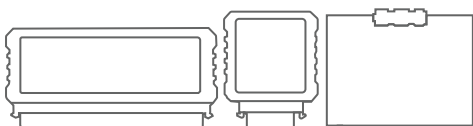## Embedded Solutions

USB Flash Memory

Transcend's USB Flash Memory morphs together reliable performance and a compact, portable design. Featuring SLC NAND for outstanding data retention and exclusive SuperMLC technology for SLC-level endurance at a cost-effective price, the USB Flash Memory is the easy plug-and-play solution for everyday tasks as well as for use in embedded applications.

Features

- Gloss finish with contoured edges
- Use high-quality SLC flash memory
- SuperMLC technology allows MLC NAND to act as SLC NAND
- Advanced Global Wear-leveling and Block Management for reliability
- Ideal for frequently used applications

Specifications

	JF740K	JF170
Interface	USB 3.1 Gen 1	USB 2.0
Flash Type	SuperMLC	SLC
Connector	USB Type-A	
Capacity	4GB~32GB	512MB~2GB
Sequential Read*	130 MB/s	16 MB/s
Sequential Write*	100 MB/s	12 MB/s
Operating Temperature	0℃~70℃	
Storage Temperature	-40℃~85℃	-20℃~75℃
Humidity	0%~95%	
Shock	1500G, 0.5ms, 3 axis	
Vibration	3G (peak-to-peak), 5Hz to 800Hz (frequency)	
Operating Voltage	5V±10%	
Power Consumption	1.1W (max. active), 0.4W (idle)	
Dimensions (max.)	22.4 x 12.2 x 6mm	60.9 x 19.3 x 8.5mm
MTBF	3,000,000 hours	
Warranty	Three-year Limited Warranty	

*Maximum performance shown. Performance varies by capacity, user hardware, and system configuration.

Ordering Information

JF740K				JF170		
	TS4GJF740K	4GB			TS512MJF170	512MB
	TS8GJF740K	8GB			TS1GJF170	1GB
	TS16GJF740K	16GB			TS2GJF170	2GB
	TS32GJF740K	32GB				

Mechanical Dimensions

JF740K

12.2±0.1mm

6.0±0.2mm

22.4±0.3mm

JF170

19.3±0.1mm

8.5±0.1mm

60.9±0.2mm

Transcend®

Please feel free to contact us with any special requests you might have.

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