Embedded Solutions

USB Flash Memory
JF170

Transcend SLC USB Flash Memory features a compact, portable design that can be used in industrial, medical, and military applications where reliability and data retention are crucial. Industrial-grade USB Flash Memory is built to endure severe temperatures, shock, and intensive read/write cycles and features high reliability and extended endurance.

Features

- Manufactured with high quality SLC NAND flash chips
- Supports USB 2.0 interface
- Lightweight design for easy plug-and-play installation
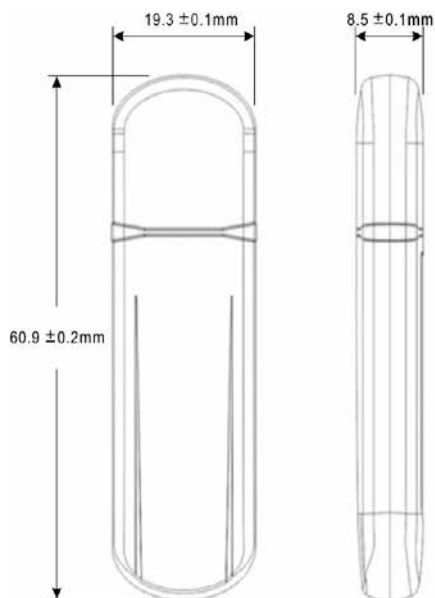- Exclusive Transcend Elite data management software

Ordering Information

512MB	TS512MJF170
1GB	TS1GJF170
2GB	TS2GJF170

Specification

Appearance	Dimensions	60.9 mm x 19.3 mm x 8.5 mm (2.4" x 0.76" x 0.33")
Interface	Connection Interface	USB 2.0
	USB Type	USB Type-A
Storage	Flash Type	SLC NAND flash
	Capacity	512 MB / 1 GB / 2 GB
Operating Environment	Operating Voltage	5V±10%
	Operating Temperature	0°C (32°F) ~ 70°C (158°F)
	Storage Temperature	-40°C (-40°F) ~ 85°C (185°F)
	Shock	1500 G, 0.5 ms, 3 axis
	Vibration (Operating)	3 G (peak-to-peak), 5 Hz ~ 800 Hz (frequency)
Power	Power Consumption (Operation)	0.5 watt(s)
Performance*	Read Speed (Max.)	20 MB/s
	Write Speed (Max.)	12 MB/s
	Terabytes Written (Max.)	62.5 TBW
	Mean Time Between Failures (MTBF)	3,000,000 hour(s)
Warranty	Certificate	CE / FCC / BSMI
	Warranty	Three-year Limited Warranty
Note	* Speed may vary due to host hardware, software, usage, and storage capacity.	

Mechanical Specification

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

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