

Embedded Solutions

USB Flash Modules

JetFlash 270M



Transcend's industrial-grade USB flash drive JetFlash 270M is built with the finest MLC NAND flash and the USB 3.1 Gen 1 interface. Its compact form factor, high compatibility, and outstanding endurance are ideal for embedded applications in the medical, military, and automation sectors. With Transcend's UFD Security Toolbox software, password can be set to secure the drive. Users can even get a One-time Password (OTP) through SMS message on the user's phone to unlock the drive, which ensures higher data security.

Hardware Features

- MLC NAND flash
- High-speed USB 3.1 Gen 1 interface
- Backwards compatible with USB 2.0
- Hot-swapping for easy plug-and-play

Firmware Features

- Built-in ECC (Error Correction Code) functionality

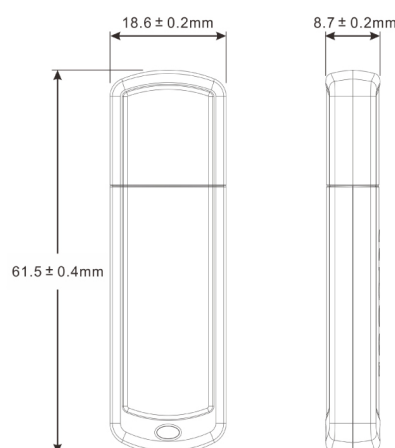
Ordering Information

8GB	TS8GJF270M
16GB	TS16GJF270M
32GB	TS32GJF270M

Specifications

Appearance	Dimensions	61.5 mm x 18.6 mm x 8.7 mm (2.42" x 0.73" x 0.34")
	Connection Interface	USB 3.1 Gen 1
Interface	USB Type	USB Type-A
	Flash Type	MLC NAND flash
Storage	Capacity	8 GB / 16 GB / 32 GB
	Operating Voltage	5V±10%
Operating Environment	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)	20 G (peak-to-peak), 20 Hz ~ 2000 Hz (frequency)
	Note	-
Power	Power Consumption (Operation)	1 watt(s)
Performance	Read Speed (Max.)	up to 160 MB/s
	Write Speed (Max.)	up to 40 MB/s
	Terabytes Written (TBW)	up to 31 TBW
	Mean Time Between Failures (MTBF)	3,000,000 hour(s)
	Note	Speed may vary due to host hardware, software, usage, and storage capacity.
Warranty	Certificate	CE / FCC / BSMI / UKCA
	Warranty	Three-year Limited Warranty
	Warranty Policy	Please click here for more information about the Transcend Warranty Policy. Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios. For special applications and environments, it is strongly suggested that you contact Transcend beforehand for clarification.

Mechanical Dimensions



Product specifications are subject to change without notice. Pictures shown may differ from actual products. Total accessible capacity varies depending on operating environment. Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios. For special applications and environments, it is strongly suggested that you contact Transcend beforehand for clarification.