



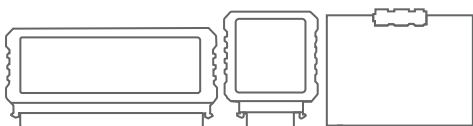
Embedded Solutions

USB Flash Module

Transcend's USB Flash modules are convenient, easy to implement solutions for expanding the memory capacity of industrial computers. These compact storage devices consume a minimal amount of power and feature a mechanical write protection switch. Due to their minimalist dimensions, these USB modules are suitable for use in small embedded systems.

Features

- Hi-Speed USB 2.0 compliant
- Supporta Hot-Swapping, True Plug and Play functionality
- Fully compatible with devices and Operating Systems (OS) that support the USB standard
- Low power consumption
- Fully compliant with open industry standards
- Write protection switch



Specifications



	USB Flash Module	
	UFM-V	UFM-H / UFM-HM
Interface	USB 2.0	
Flash Type	SLC	SLC / MLC
Connector	10-pin USB port (pitch = 2.54mm)	10-pin USB port (pitch = 2.54mm for normal type; pitch = 2.0mm for low profile type)
Form Factor	SATA flash module	Horizontal (no case)
Capacity	512MB~4GB	512MB~8GB
Sequential Read*	18 MB/s	40 MB/s
Sequential Write*	16 MB/s	39 MB/s
Operating Temperature	0°C~70°C**	
Storage Temperature	-40°C~85°C	
Humidity	0%~95%	
Shock	1,500G, 0.5ms, 3 axis	
Vibration	3G (peak-to-peak), 5Hz to 800Hz (frequency)	
Operating Voltage	5V±5%	
Power Consumption	0.6W	
Dimensions (max.)	31.8 x 26.0 x 7.0mm	37.8 x 26.65 x 9.7mm
MTBF	1,000,000 hours	
Warranty	Two-year Limited Warranty	

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

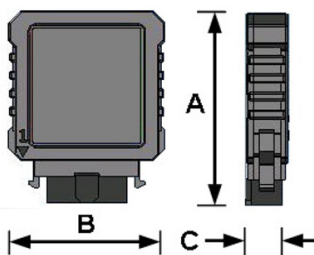
**Wide temperature (-40°C~85°C) available by request.

Ordering Information

UFM-V	SLC	TS512MUFM-V	512MB	UFM-H/ UFM-HM	SLC MLC	TS512MUFM-H	512MB
		TS2GUFM-V	2GB			TS2GUFM-H	2GB
		TS4GUFM-V	4GB			TS4GUFM-H	4GB
						TS8GUFM-H	8GB

Drawing

FUM-V



Dimensions

Side	Millimeters	Inches
A	31.80 ± 1.00	1.25 ± 0.04
B	26.00 ± 1.00	1.02 ± 0.04
C	7.00 ± 1.00	0.28 ± 0.04

UFM-H/UFM-HM

