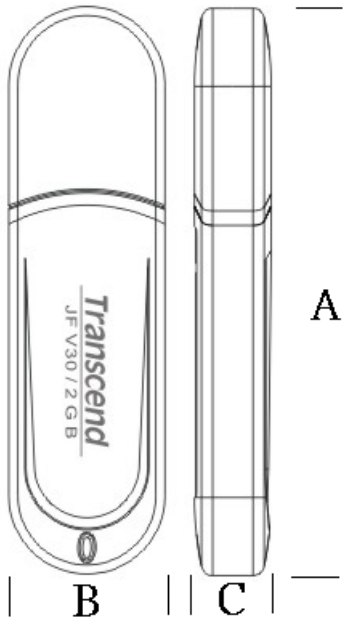
TS2GJFV30

2GB USB2.0 JetFlash™

Description

TS2GJFV20 is a 2GB USB Flash Drive with 1 pcs of 2Gx8 Flash Memory assembled on a printed circuit board.

Outline



Features

- Frame Color: Red
- USB 2.0 compatible, true Plug and Play
- Powered directly via the USB port. No external power or battery needed
- PC-Lock Function: Makes JetFlash the key to your computer
- Partition & Security Function: Partition JetFlash and create a private partition with password protection
- Boot-Up Function: Makes JetFlash a bootable device
- LED indicates the usage status of JetFlash

System Requirement

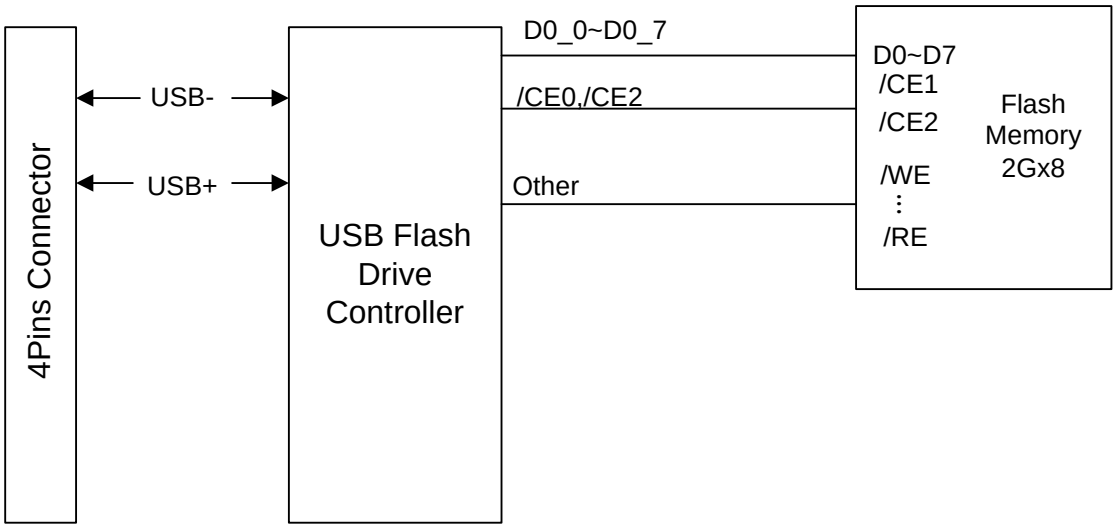
- Hardware: Desktop or notebook computer with USB port
- Operating System: Windows® 98SE, Windows® Me, Windows® 2000, Windows® XP and Mac™ OS 9.0 or later, Linux™ Kernel 2.4 or later

Dimensions

Side	Millimeters	Inches
A	60 ± 1.00	2.36 ± 0.04
B	16 ± 1.00	0.63 ± 0.04
C	7 ± 1.00	0.28 ± 0.04

Block Diagram

- **With 1 pcs of 2Gx8 Flash Memory**



Pinouts

Pin No.	Pin Name
01	VCC
02	USB-
03	USB+
04	VSS

Pin Identification

Symbol	Function
USB-	USB differential signal:
USB+	The pairs are used to transmit Data/Address/Command
VSS	Ground
VCC	USB power input

Specifications

Environment		
Capacity		2GB
Temperature	Operating	0 ℃ to 70 ℃
	Non-Operating	-40 ℃ to 85 ℃
System Performance	Read	9 MB/sec (Max.)
	Write	2 MB/sec (Max.)
Power Requirement	Voltage	DC 5V ± 10%
Data Retention		10 years
Connector Durability		10,000 times
Erase Cycles		>10,000 times
Certificates		CE, FCC, BSMI

Absolute Maximum Ratings

Symbol	Parameter	Rating	Unit
V_{CC}	Power Supply	V_{CC}±10%	V
V_{IN}	Input Voltage	V_{IN} ±10%	V

Recommended Operating Conditions

Symbol	Parameter	Min.	Typ.	Max.	Units
V_{CC}	Power Supply Voltage	4.5	5	5.5	V
V_{IN}	Input Voltage	3	3.3	3.6	V
V_{CC18}	Internal Power Supply	1.62	1.8	1.98	V

DC Characteristics:

Symbol	Parameter	Min.	Typ.	Max.	Units
I_{OH}	Output High Current	-4			mA
I_{OL}	Output Low Current			4	mA
V_{IH}	Input High Voltage	2		V_{IN}+0.3	V
V_{IL}	Input Low Voltage	-0.3		0.8	V
V_{OH}	Output High Voltage	0.9V_{IN}			V
V_{OL}	Output Low Voltage			0.45	V

Above technical information is based on industry standard data and 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 in specifications at any time without prior notice.