



The TEAM Industrial A501 series (wide temp.) CFast memory card adopts SATA III 6.0 Gbps interface with high performance, light and convenient to use. It supports S.M.A.R.T. function, global wear leveling, TRIM command and ECC technologies. Ensures reliability and endurance of devices for industrial application.

Main Feature

- ▶ CFast specification ver. 2.0 compatible
- ▶ Support Global Wear Leveling
- ▶ Support TRIM command
- ▶ Built-in ECC (Error Correction Code)
- ▶ Write Protect function
- ▶ S.M.A.R.T. health monitor function
- ▶ Support DevSleep

Specification

Interface	SATA III 6.0Gb/s
Flash Type	3D TLC
Capacity	32GB/64GB/128GB/256GB ^[1]
Sequential R/W	R/W: 545 / 500 MB/s (Max.) ^[2]
Max. Power Consumption	3.18W
Dimension	36.4(L) x 41.9(W) x 3.3(H) mm
Shock	Operation: 1500 G, 0.5 ms, 3axis
Vibration	Operation: 20 G (peak-to-peak), 10-2K Hz
MTBF	> 150 million hours
Storage Temperature	-45°C (-49°F) ~ +85°C (185°F)
Operation Temperature	-40°C (-40°F) ~ +85°C (185°F)
P/E Cycle	3K
TRIM	✓
S.M.A.R.T.	✓
Warranty	3-year limited warranty ^[3]

Ordering Information

A501-W	Capacity	Team P/N
Wide Temp.	32GB	TE32GA501KCFA-W
	64GB	TE64GA501KCFA-W
	128GB	TE128GA501KCFA-W
	256GB	TE256GA501KCFA-W

[1] 1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes/1024/1024/1024 = 0.93GB

[2] Transmission speed will vary according to different hardware/software conditions, therefore the data can only use for basic reference.

[3] The warranty period of solid-state drives (SSD) products is divided into a warranty of years and a warranty of the number of disk writes. One of the two conditions (the earlier one is the standard). Any improper action that causes the flash to exceed the lifespan limitation will not be warranted. (Erase Count MLC:3,000 times, SLC: 60,000 times, High Endurance 3D TLC(10K): 10,000 times, Industrial 3D TLC: 3,000 times) The erase count judge standard is to use TEAMGROUP official released S.M.A.R.T. Tool.

※We reserve the right to modify product specifications without prior notice.

